Canon
Canonet
Service Manual

Includes:

Canonet 1, 2, 3 (1962)
New Canonet 28 (1972)
Canonet QL 17, 19, 25 (1971)
Canonet G-III 17, 19, (1972)

CANON REPAIR MANUAL

CANONET

(REFERENCE NO. C-30208)

CANON CAMERA COMPANY, INC.

TOKYO, JAPAN

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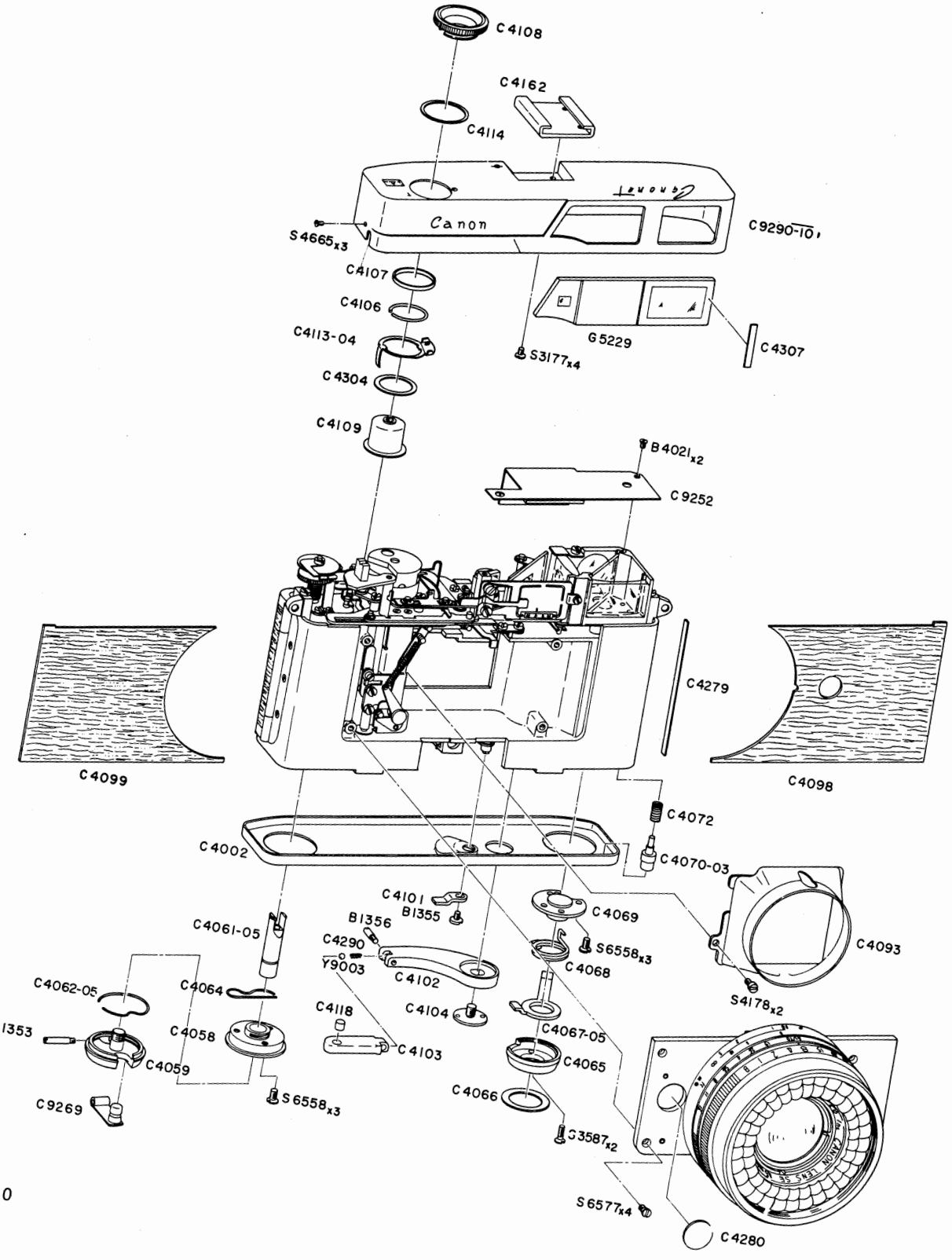
REF. NO. C-30208



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PARTS LIST

TOP COVER (cf. p. 7)

C 9290-10	Top Cover (B. P.)
C 4162	Accessory Shoe
C 4307	Liner
G 5229	Front Glass
S 3177	Screw × 4
S 4665	Screw × 3

SHUTTER BUTTON

C 4106	Retainer
C 4107	Ring
C 4108	Time Ring
C 4109	Shutter Button
C 4113-04	Stopper
C 4114	Washer
C 4304	Light Shield

BASE PLATE

C 4002	Base Plate
C 4065	Cover
C 4066	Leather Cover
C 4067-05	Lever
C 4068	Spring
C 4069	Tripod Socket
C 4070-03	Safety Lock
C 4072	Spring
S 3587	Screw × 2
S 6558	Screw × 3

TRIGGER LEVER

C 4102	Trigger Lever
C 4103	Trigger Knob
C 4104	Pin Face Screw
C 4118	Cushion
C 4290	Coil Spring
B 1356	Screw
Y 9003	Steel Ball

REWIND CRANK

C 9269	Rewind Crank (B. P.)
C 4058	Bearing
C 4059	Rewind Knuckle
C 4061-05	Rewind Fork
C 4062-05	Spring
C 4064	Spring
B 1353	Screw
S 6558	Screw × 3

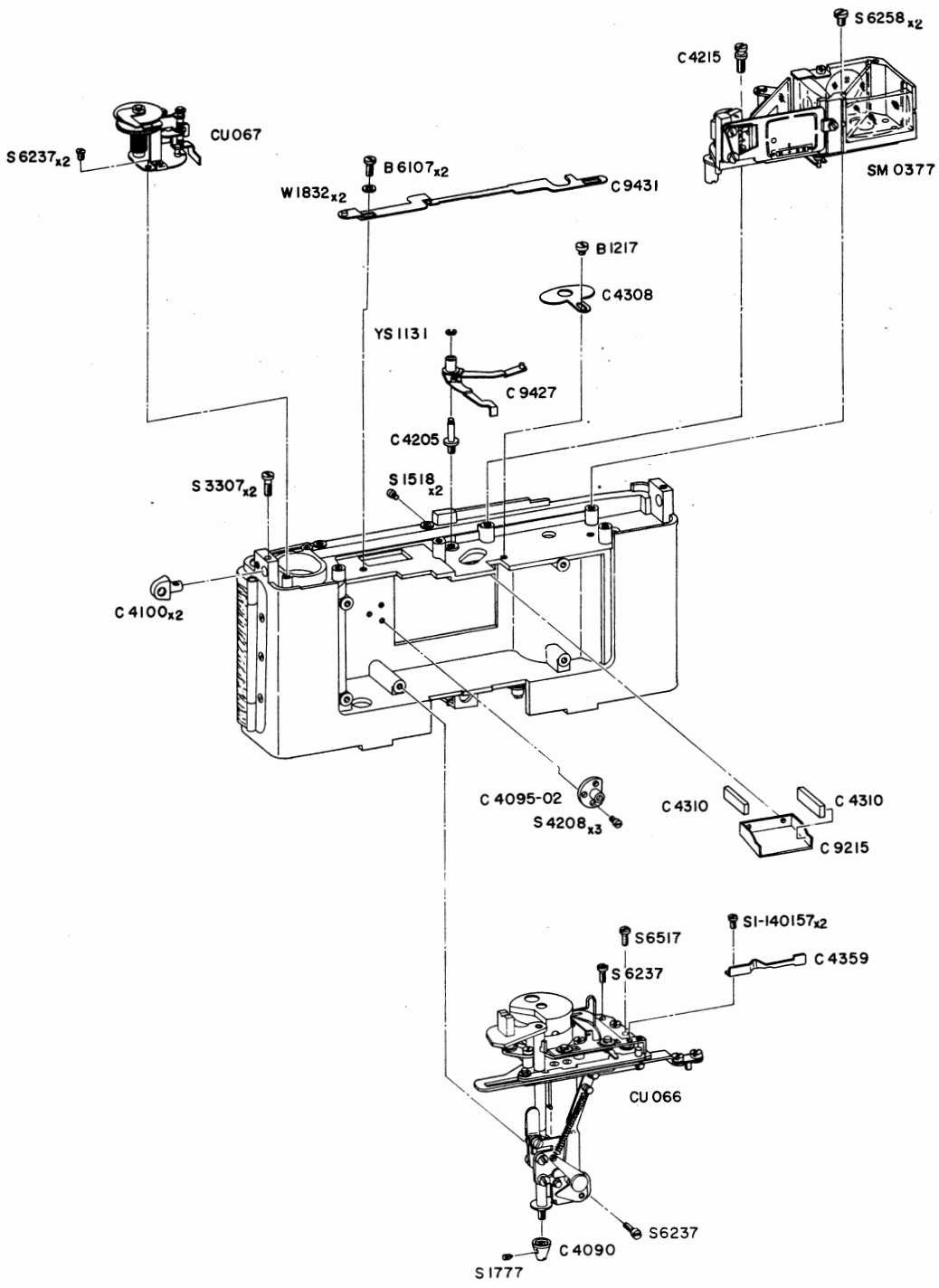
REWIND CLUTCH LEVER

C 4101	Film Rewind Clutcn Lever
B 1355	Screw

SOME BASIC PARTS

C 9252	Cover Plate (B. P.)
C 4093	Light Shield
C 4098	Leather Cover (Front-Left)
C 4099	Leather Cover (Front-Right)
C 4279	Light Shield
C 4280	Cap
B 4021	Screw × 2
S 4178	Screw × 2
S 6577	Screw × 4

EXPLODED VIEW
of
CANONET



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PARTS LIST

FILM COUNTER (cf. p. 7)

CU 067	Film Counter (Unit)
C 9431	Film Counter Advancing Lever (B. P.)
B 6107	Screw × 2
S 6237	Screw × 2
W 1832	Washer × 2

RANGE-VIEWFINDER OPTICAL SYSTEM (cf. p. 3)

SM 0377	Range-Viewfinder Optical System (Unit)
C 9427	Lever (B. P.)
C 4205	Shaft Screw
C 4215	Screw
S 6258	Screw × 2
YS 1131	Retaining Washer

EXPOSURE METER (cf. pp. 6 & 8)

CU 066	Exposure Meter (Unit)
	(Contains ES 4003: Photoelectric Cell)
C 4090	Cone
C 4095-02	Bearing
C 4359	EE-Signal
S 1777	Screw
S 4208	Screw × 3
S 6237	Screw × 2
S 6517	Screw
S1-140157	Screw × 2

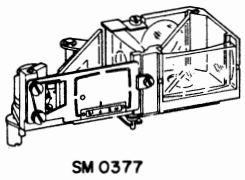
SOME BASIC PARTS

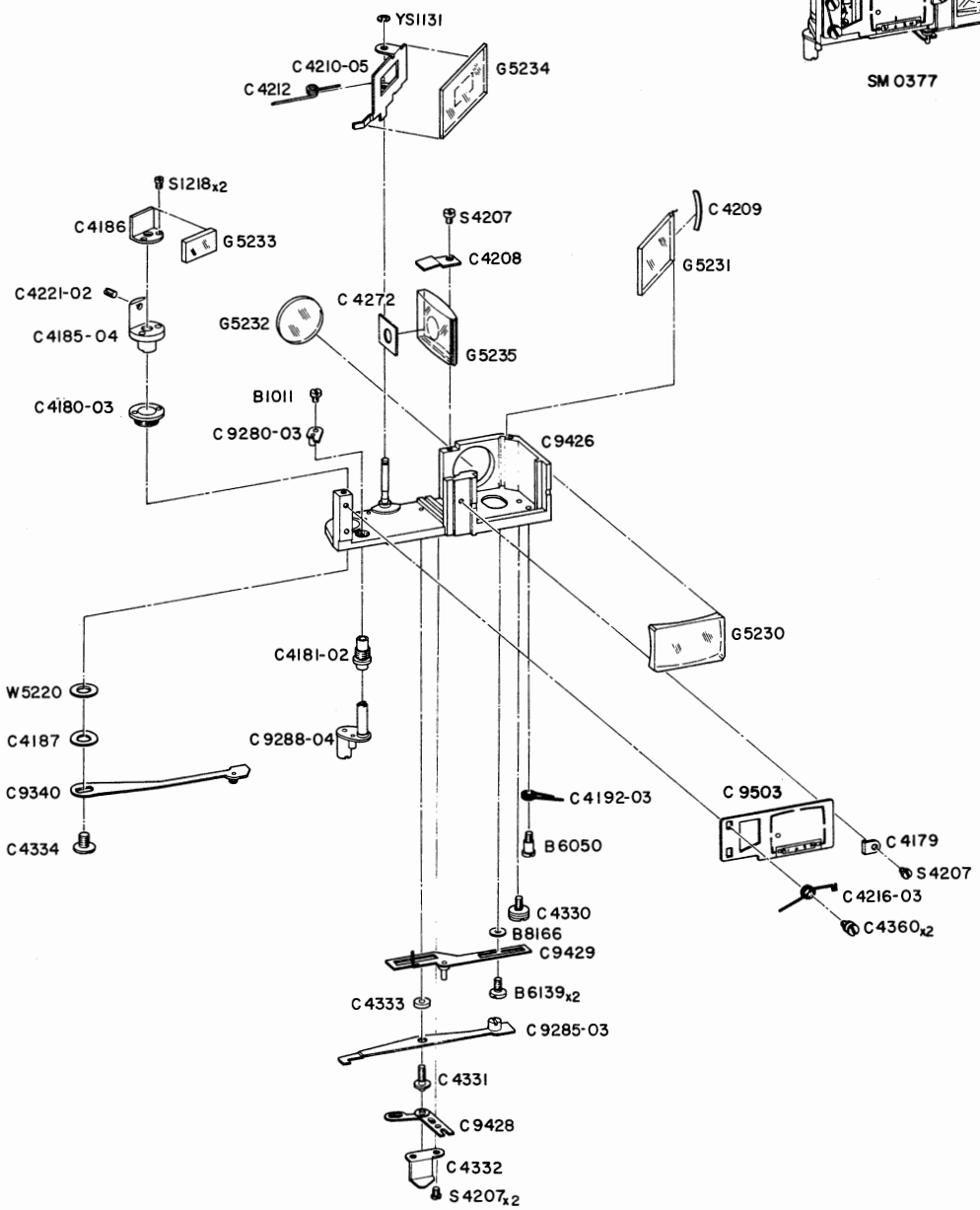
C 9215	Light Shield (B. P.)
C 4100	Neck Strap Adapter × 2
C 4308	Light Shield
C 4310	Light Shield × 2
B 1217	Screw
S 1518	Screw × 2
S 3307	Screw × 2

EXPLODED VIEW

of

CANONET





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PARTS LIST

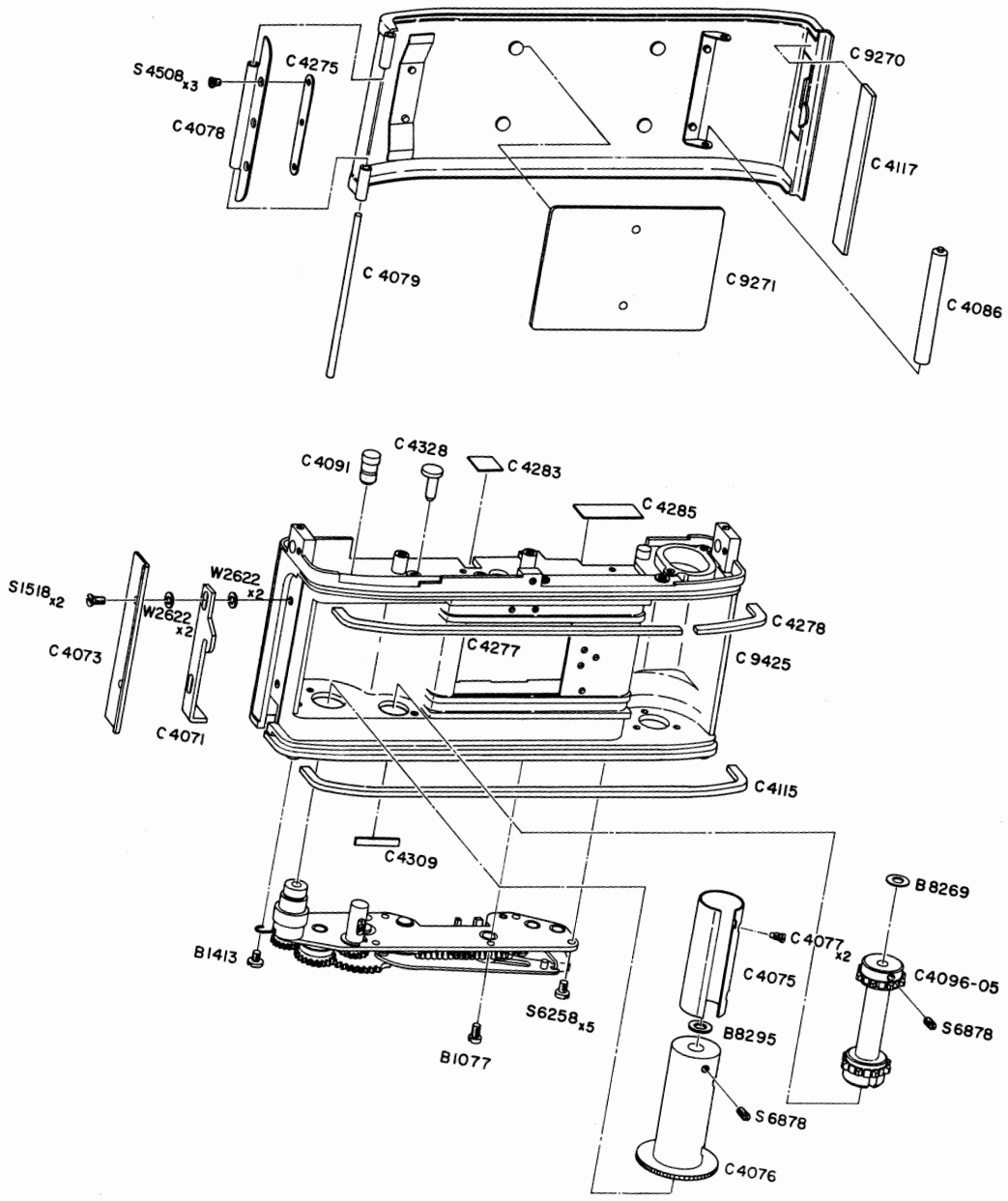
RANGE-VIEWFINDER OPTICAL SYSTEM (cf. p. 2)

SM 0377 Range-Viewfinder Optical System (Unit)

C 9280-03	Lever (B. P.)
C 9285-03	Lever (B. P.)
C 9288-04	Focusing Lever (B. P.)
C 9340	Lever (B. P.)
C 9426	Base (B. P.)
C 9428	Connector (B. P.)
C 9429	Aperture Index Guide (B. P.)
C 9503	Viewfinder Mask (B. P.)
C 4179	Holder
C 4180-03	Bearing
C 4181-02	Bearing
C 4185-04	Mirror Base
C 4186	Mirror Holder
C 4187	Wave Washer
C 4192-03	Spring
C 4208	Pressure Plate
C 4209	Spring
C 4210-05	Supporter for Mirror
C 4212	Spring
C 4216-03	Spring
C 4221-02	Adjusting Screw
C 4272	Mask
C 4330	Stopper Pin
C 4331	Screw
C 4332	Pressure Plate
C 4333	Roller
C 4334	Screw
C 4360	Guide×2
B 1011	Screw
B 6050	Screw
B 6139	Screw×2
B 8166	Washer
G 5230	Viewfinder Lens
G 5231	Half Mirror
G 5232	Eyepiece
G 5233	Mirror
G 5234	Parallax Correcting Mirror
G 5235	Double Focus Lens
S 1218	Screw×2
S 4207	Screw×4
W 5220 W 5221 W 5222	Washer×N
YS 1131	Retaining Washer

EXPLODED VIEW
of
CANONET

REF. NO. C-30208



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PARTS LIST

BACK COVER

C 9270	Back Cover (B. P.)
C 9271	Pressure Plate (B. P.)
C 4078	Hinge
C 4079	Shaft of Hinge
C 4086	Anti-Curl Roller
C 4117	Light Shield
C 4275	Washer
S 4508	Screw × 3

TAKE-UP SPOOL & SPROCKET

C 4075	Take-Up Spool
C 4076	Take-Up Spool Shaft
C 4077	Screw × 2
C 4091	Shaft
C 4096-05	Sprocket
C 4328	Eccentric Disk
B 8269 B 8270	Washer × N
B 8295	Washer × N
S 6878	Screw × 2

BODY CASE

C 9425	Body Case (B. P.)
C 4071	Hook
C 4073	Hook Cover
C 4115	Light Shield
C 4277	Light Shield
C 4278	Light Shield
C 4283	Light Shield
C 4285	Light Shield
C 4309	Light Shield
S 1518	Screw × 2
W 2622	Washer × 4

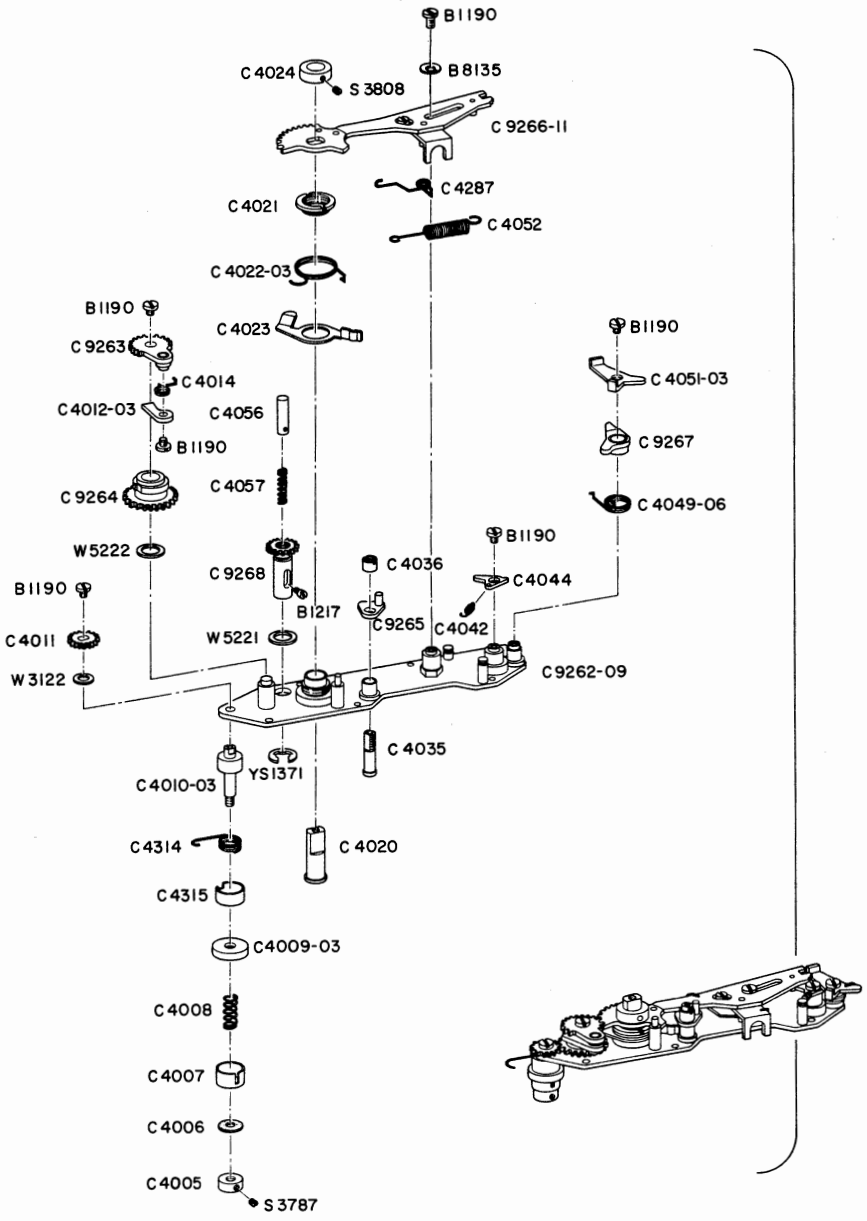
WINDING MECHANISM (cf. p. 5)

B 1077	Screw
B 1413	Screw
S 6258	Screw × 5

EXPLODED VIEW

of

CANONET



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PARTS LIST

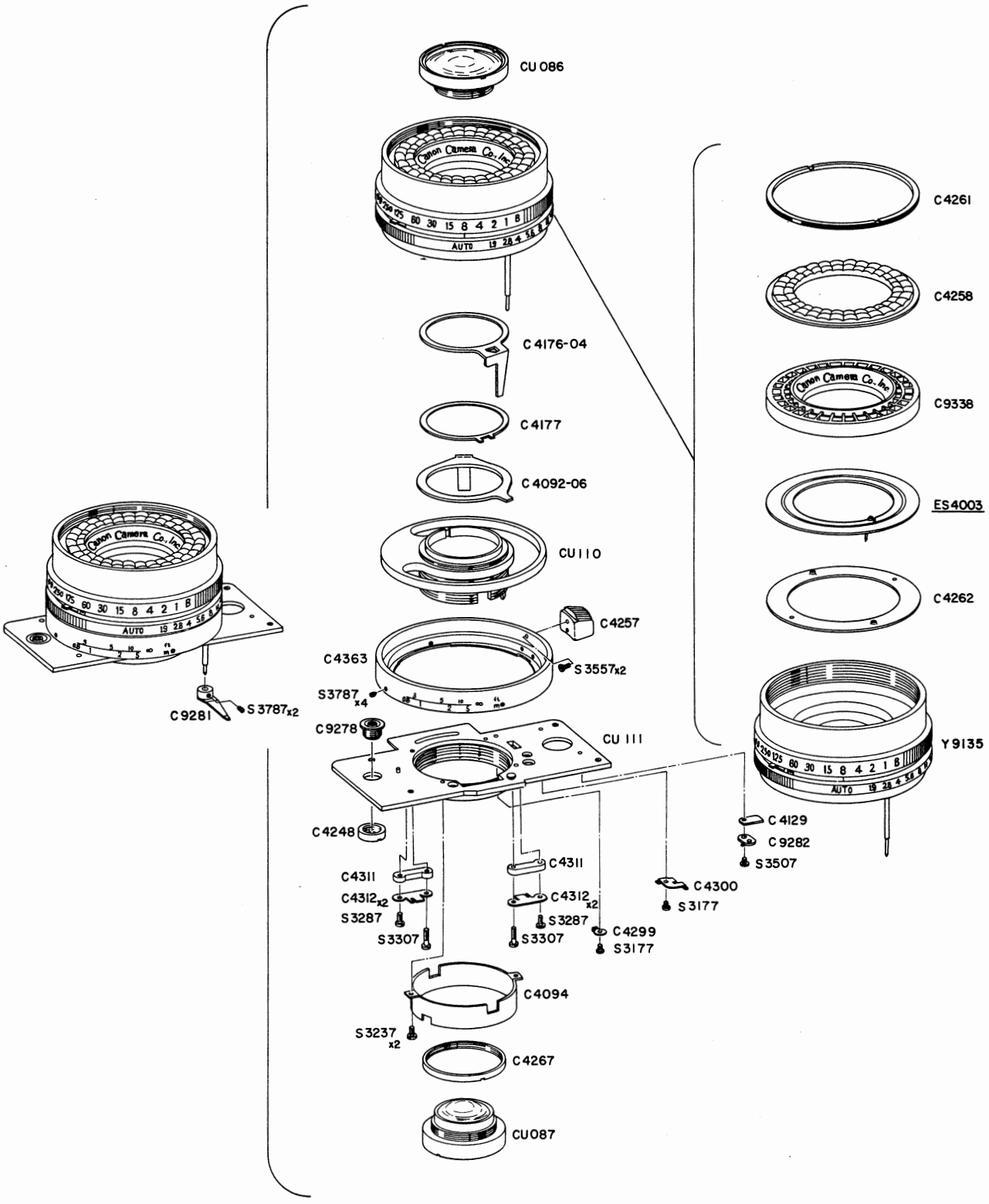
WINDING MECHANISM (cf. p. 4)

C 9262-09	Base Plate (B. P.)
C 9263	Gear (B. P.)
C 9264	Feeding Gear (B. P.)
C 9265	Film Rewind Release Lever (B. P.)
C 9266-11	Wind Device (B. P.)
C 9267	Lever (B. P.)
C 9268	Sprocket Gear (B. P.)
C 4005	Collar
C 4006	Washer
C 4007	Cover
C 4008	Spring
C 4009-03	Cover
C 4010-03	Wind Shaft for Spool Gear
C 4011	Gear
C 4012-03	Feeding Claw
C 4014	Spring
C 4020	Wind Lever Shaft
C 4021	Pin Face Nut
C 4022-03	Spring
C 4023	Clutch Lever
C 4024	Collar
C 4035	Shaft Screw
C 4036	Nut
C 4042	Spring
C 4044	Lever
C 4049-06	Spring
C 4051-03	Lever
C 4052	Spring
C 4056	Clutch Shaft
C 4057	Spring
C 4287	Spring
C 4314	Spring
C 4315	Collar
B 1190	Screw × 6
B 1217	Screw
B 8135	Washer
S 3787	Screw
S 3808	Screw
W 3121 W 3122	Washer × N
W 5221	Washer
W 5222	Washer × N
YS 1371	Retaining Washer

EXPLODED VIEW

of

CANONET



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PARTS LIST

OBJECTIVE LENS

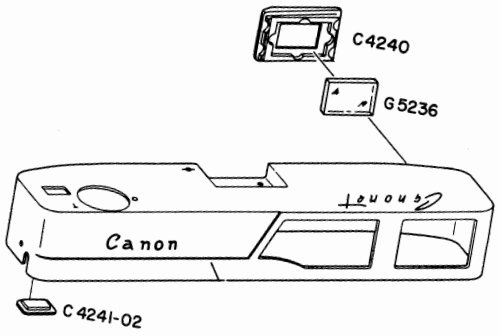
CU 086	Front Lens (Unit)
CU 087	Rear Lens (Unit)
CU 110	Helicoid (Unit)
CU 111	Front Panel (Unit)
C 9278	Flash Socket (B. P.)
C 9281	Lever (B. P.)
C 9282	Contact (B. P.)
C 9338	Lattice Window Frame (B. P.)
C 4092-06	Ring for Shutter Charge
C 4094	Light Shield
C 4129	Insulator
C 4176-04	Ring for Shutter Release
C 4177	Intermediate Ring
C 4248	Nut
C 4252	Flange
C 4257	Focusing Knob
C 4258	Window
C 4261	Assemble Collar
C 4262	Pressure Plate
C 4267	Collar
C 4299	Cord Holder
C 4300	Cord Holder
C 4311	Guide Holder × 2
C 4312	Guide × 4
C 4363	Focusing Ring
S 3177	Screw × 2
S 3237	Screw × 2
S 3287	Screw × 2
S 3307	Screw × 2
S 3507	Screw
S 3557	Screw × 2
S 3787	Screw × 6
Y 9135	Shutter Unit

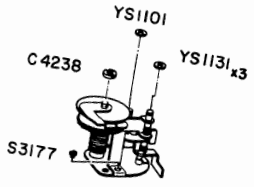
EXPOSURE METER (cf. pp. 2 & 8)

ES 4003 Photoelectric Cell is included in CU 066 Exposure Meter and is not supplied as a separate part.

EXPLODED VIEW
of
CANONET

REF. NO. C-30208





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PARTS LIST

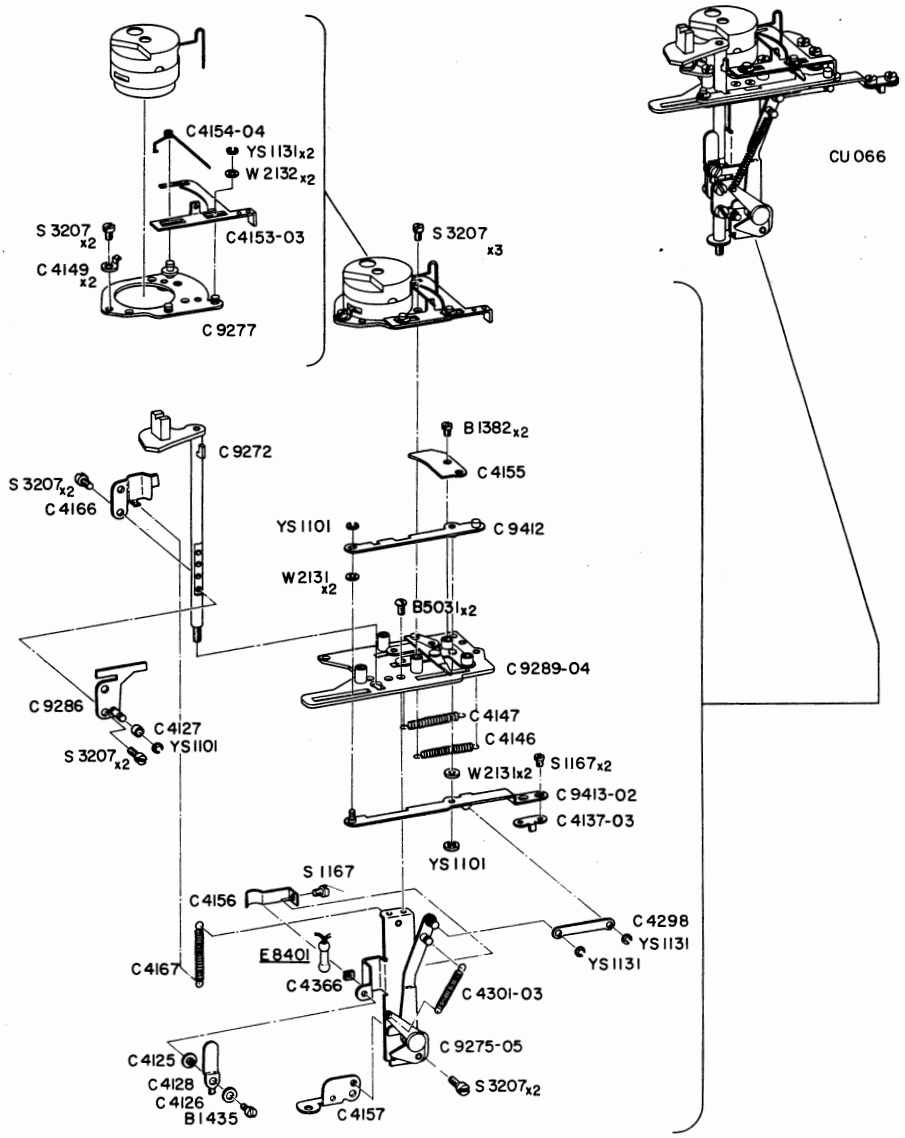
TOP COVER (cf. p. 1)

C 4240	Eyepiece Holder
C 4241-02	Film Counter Window
G 5236	Eyepiece

FILM COUNTER (cf. p. 2)

C 4238	Nut
S 3177	Screw
YS 1101	Retaining Washer
YS 1131	Retaining Washer × 3

EXPLODED VIEW
of
CANONET



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PARTS LIST

EXPOSURE METER (cf. pp. 2 & 6)

CU 066		Exposure Meter (Unit)
	C 9272	Shutter Shaft (B. P.)
	C 9275-05	Drive Lever Unit (B. P.)
	C 9277	Base (B. P.)
	C 9286	Lever for Shutter Release (B. P.)
	C 9289-04	EE-Calculator (B. P.)
	C 9412	Moving Arm (B. P.)
	C 9413-02	Moving Arm (B. P.)
	C 4125	Insulator
	C 4126	Insulator
	C 4127	Collar
	C 4128	Contact
	C 4137-03	Lever for Mask
	C 4146	Coil Spring
	C 4147	Coil Spring
	C 4149	Galvanometer Holder × 2
	C 4153-03	Moving Guide
	C 4154-04	Spring
	C 4155	Cam
	C 4156	Resistor Holder
	C 4157	Bearing for Shutter Shaft
	C 4166	Spring Holder
	C 4167	Coil Spring
	C 4298	Connecting Rod
	C 4301-03	Coil Spring
	C 4366	Nut
	B 1382	Screw × 2
	B 1435	Screw
	B 5031	Screw × 2
	S 1167	Screw × 3
	S 3207	Screw × 11
	W 2131	Washer × 4
	W 2132	Washer × 2
	YS 1101	Retaining Washer × 3
	YS 1131	Retaining Washer × 4

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C 9264	5
C 9265	5
C 9266-11	5
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C 4309	4
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B 1355	1
B 1356	1
B 1382	8
B 1413	4
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B 4021	1
B 5031	8
B 6050	3
B 6107	2
B 6139	3
B 8135	5
B 8166	3
B 8269	4
B 8270	4
B 8295	4
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ES 4003	6
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G 5236	1

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S 4208	2
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S 4665	1
S 6237	2
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S 6577	1
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CANON REPAIR MANUAL

SHUTTER for CANONET 1.2

(REF. NO. 1-30202)
(REF. NO. 1-30206)

CANON CAMERA CO., INC.

TOKYO, JAPAN

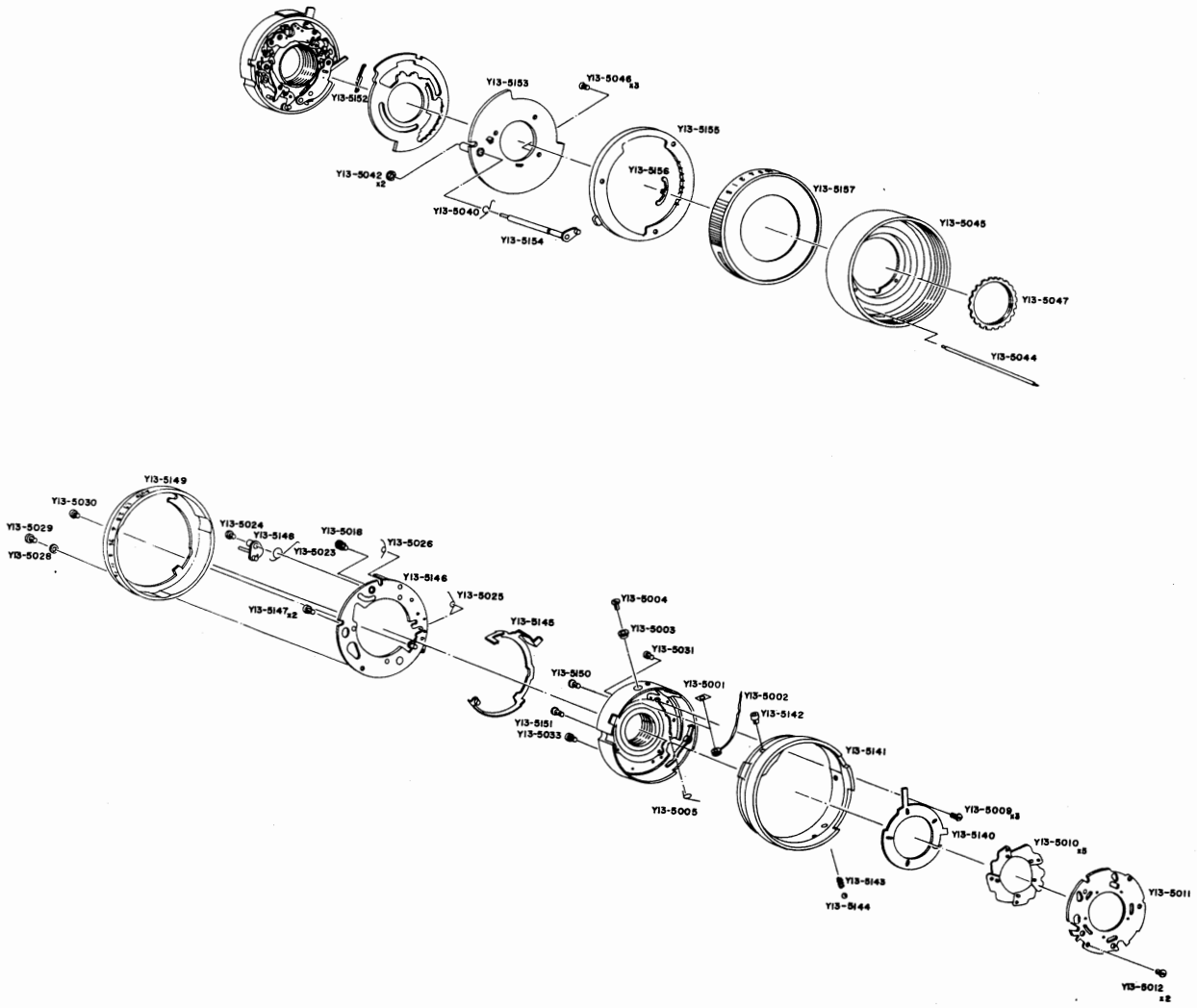
1

REF. NO. 1-30202
REF. NO. 1-30206

EXPLODED VIEW

of

SHUTTER for CANONET 1.2



NO SCALE

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PARTS LIST

Y13-5001	Insulator Sheet
Y13-5002	Flash Lead Wire
Y13-5003	Insulator Bush
Y13-5004	Screw
Y13-5005	Spring
Y13-5009	Screw x 3
Y13-5010	Diaphragm Blade x 5
Y13-5011	Blade Retaining Plate
Y13-5012	Screw x 2
Y13-5018	Screw
Y13-5023	Spring
Y13-5024	Screw
Y13-5025	Spring
Y13-5026	Spring
Y13-5028	Washer
Y13-5029	Screw
Y13-5030(1.8)	Adjusting Screw
Y13-5030(1.9)	Such numbers (1.8), (1.9) and (2.6) indicate diameter of Adjusting Screws. There are some 9 kind of screw begins with diameter 1.8ϕ increase 0.1ϕ each ends 2.6ϕ.
Y13-5030(2.5)	Standard screw is
Y13-5030(2.6)	Y13-5030(20).
Y13-5031	Screw
Y13-5033	Screw
Y13-5040	Spring
Y13-5042	Retaining Washer x 2
Y13-5044	Lead Wire
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Y13-5046	Screw x 3
Y13-5047	Nut
Y13-5140	Diaphragm Control Ring
Y13-5141	Marking Ring
Y13-5142	Screw x 3
Y13-5143	Coil Spring
Y13-5144	Steel Ball
Y13-5145	Contact Change Ring
Y13-5146	Rear Cover Plate
Y13-5147	Screw x 2
Y13-5148	Automatic Diaphragm Lever
Y13-5149	Aperture Scale Ring
Y13-5150	Screw
Y13-5151	Screw
Y13-5152	Click Spring
Y13-5153	Front Cover Plate
Y13-5154	Coupling Shaft
Y13-5155	ASA Cam Ring
Y13-5156	Click Spring
Y13-5157	Shutter Speed Ring

CANON REPAIR MANUAL

SHUTTER for CANONET 3

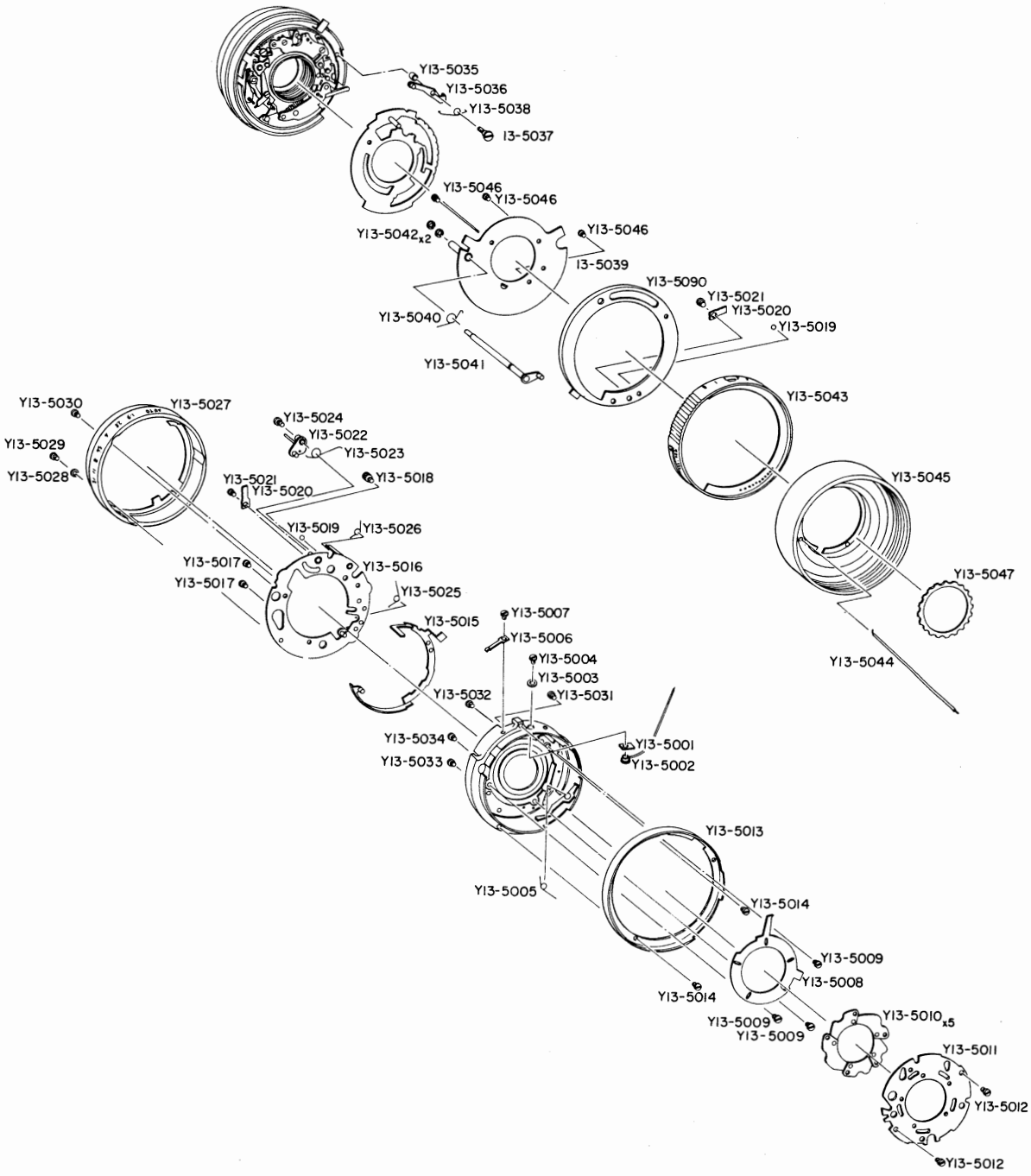
(REFERENCE NO. 1-30208)

CANON CAMERA COMPANY INC.

TOKYO, JAPAN

REF. NO. 1-30208

EXPLODED VIEW
of
SHUTTER for CANONET 3



SCALE 1-1.5

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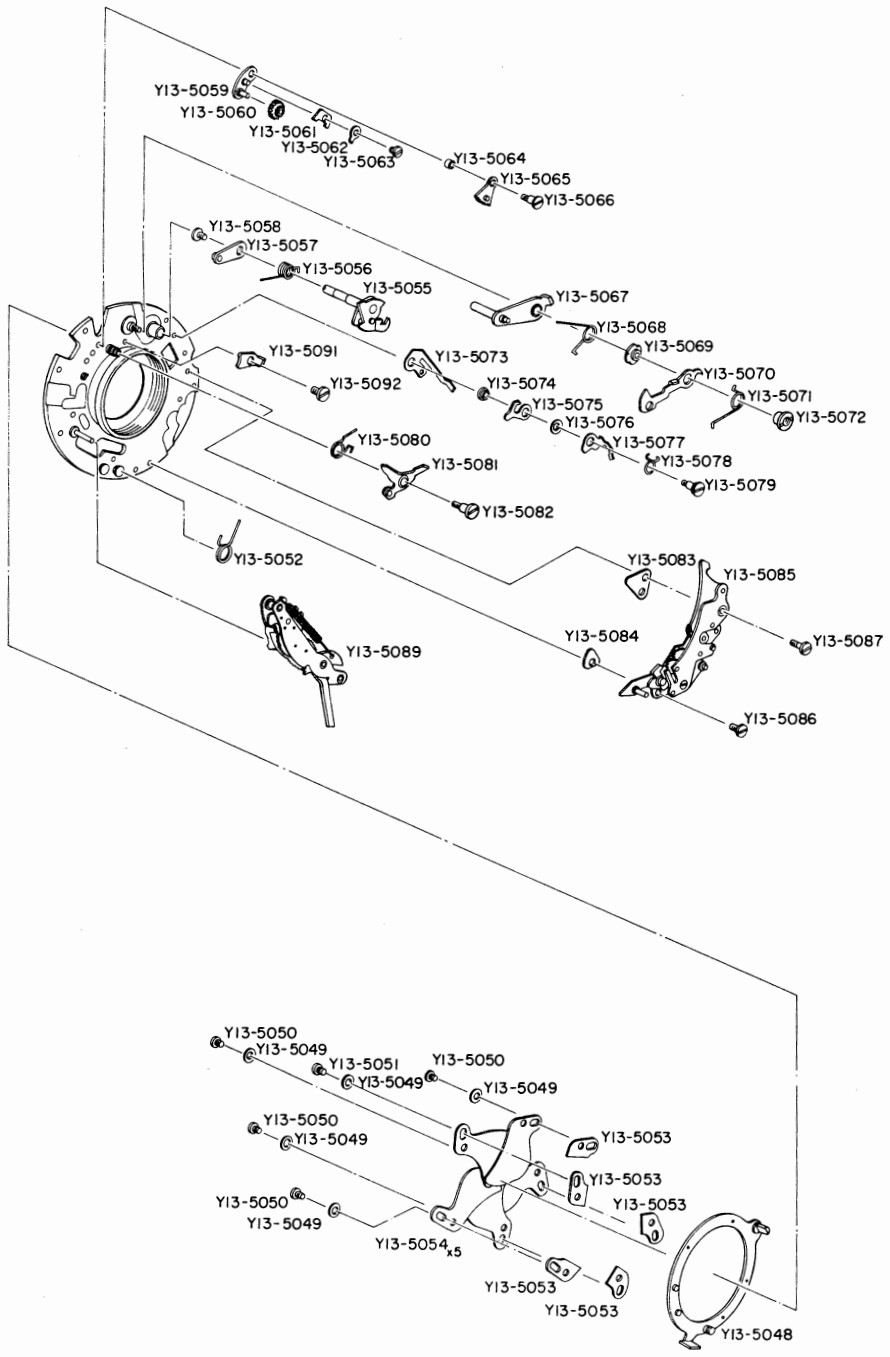
PARTS LIST

Y13-5001	Insulator Sheet
Y13-5002	Flash Lead Wire
Y13-5003	Insulator Bush
Y13-5004	Screw
Y13-5005	Spring
Y13-5006	Click Spring
Y13-5007	Screw
Y13-5008	Diaphragm Control Ring
Y13-5009	Screw x 3
Y13-5010	Diaphragm Blade x 5
Y13-5011	Blade Retaining Plate
Y13-5012	Screw x 2
Y13-5013	Marking Ring
Y13-5014	Screw x 2
Y13-5015	Contact Change Ring
Y13-5016	Rear Cover Plate
Y13-5017	Screw x 2
Y13-5018	Screw
Y13-5019	Steel Ball x 2
Y13-5020	Click Spring x 2
Y13-5021	Screw x 2
Y13-5022	Automatic Diaphragm Lever
Y13-5023	Spring
Y13-5024	Screw
Y13-5025	Spring
Y13-5026	Spring
Y13-5027	Diaphragm Regulating Ring
Y13-5028	Washer
Y13-5029	Screw
Y13-5030(1.8)	Adjusting Screw
Y13-5030(1.9)	Such numbers (1.8), (1.9) and (2.6) indicate diameter of adjusting Screws. There are some 9 Kind of Screw begins with diameter 1.8 ϕ increase 0.1 ϕ each ends 2.6 ϕ.
Y13-5030(2.5)	Standard screw is
Y13-5030(2.6)	Y13-5030(2.0).
Y13-5031	Screw
Y13-5032	Screw
Y13-5033	Screw
Y13-5034	Screw
Y13-5035	Spacer
Y13-5036	B Lock Lever
Y13-5037	Screw
Y13-5038	Spring
Y13-5039	Front Cover Plate
Y13-5040	Spring
Y13-5041	Coupling Shaft
Y13-5042	Snap Ring x 2
Y13-5043	Time Regulating Ring
Y13-5044	Lead Wire
Y13-5045	Hood Ring
Y13-5046	Screw x 3
Y13-5047	Nut
Y13-5090	ASA Cam Ring

REF. NO. 1-30208

EXPLODED VIEW
of
SHUTTER for CANONET 3



SCALE 1-1.5

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PARTS LIST

Y13-5048	Sector Ring
Y13-5049	Washer x 5
Y13-5050	Screw x 3
Y13-5051	Screw x 2
Y13-5052	Spring
Y13-5053	Sub Shutter Blade x 5
Y13-5054	Shutter Blade x 5
Y13-5055	Main Cocking Lever
Y13-5056	Spring
Y13-5057	Rear Cocking Lever
Y13-5058	Screw
Y13-5059	M-Contact Governor Plate
Y13-5060	Cog-Wheel
Y13-5061	Anchor
Y13-5062	Cog-Wheel Supporter
Y13-5063	Screw
Y13-5064	Segment Gear Collar
Y13-5065	Segment Gear
Y13-5066	Screw
Y13-5067	Release Lever
Y13-5068	Spring
Y13-5069	M-Governor Regulating Ring
Y13-5070	M-Governor Driver
Y13-5071	Spring
Y13-5072	Fixing Nut
Y13-5073	X-Contact Spring
Y13-5074	Retainer for Contact Lever
Y13-5075	X-Contact Lever
Y13-5076	Contact Lever Washer
Y13-5077	M-Contact Lever
Y13-5078	Spring
Y13-5079	Screw
Y13-5080	Spring
Y13-5081	B Lever
Y13-5082	Screw
Y13-5083	Governor Sheet A
Y13-5084	Governor Sheet B
Y13-5085	Slow Governor
Y13-5086	Screw
Y13-5087	Screw
Y13-5089	Self-Timer
Y13-5091	Tension Stopper
Y13-5092	Screw

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Y13-5006	1	Y13-5058	2
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Y13-5008	1	Y13-5060	2
Y13-5009	1	Y13-5061	2
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Y13-5014	1	Y13-5066	2
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Y13-5025	1	Y13-5077	2
Y13-5026	1	Y13-5078	2
Y13-5027	1	Y13-5079	2
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Y13-5033	1	Y13-5085	2
Y13-5034	1	Y13-5086	2
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Y13-5036	1	Y13-5089	2
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CANON REPAIR GUIDE

CANONET

(REFERENCE NO. C-30206)

CANON CAMERA COMPANY, INC.

TOKYO, JAPAN

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RANGE-VIEWFINDER

When the double-image of the Range-Viewfinder does not align, it should be adjusted in the following manner:

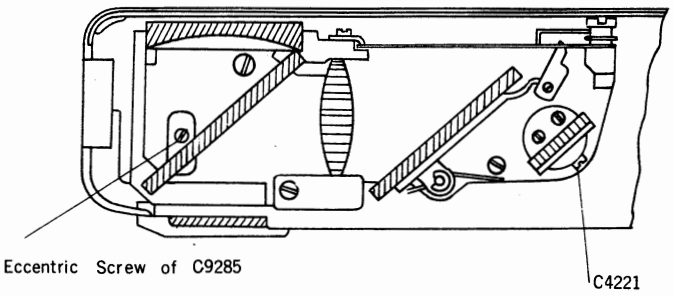
Turn Screw C4221 when the deviation of the double-image is vertical.

Turn the Eccentric Screw of Lever C9285 to right or left when the deviation of the double-image is horizontal.

Care must be taken not to turn C4221 and the Eccentric Screw of C9285 too far as the screw thread may become worn or its calking may become loosened.

Cover Plate C9252 need not be removed when adjusting the double-image.

See Repair Manual p.3.



When the Finder Mask does not move smoothly even after turning the Focusing Ring, the following adjustments should be made.

1. Check to see if Spring C4216 has become weak. If so, bend C4216 to give it more strength, or replace it with a new one.

See Repair Manual p.3.

2. When the pressure of Holder C4179 is too strong, bend C4179 to weaken it.

See Repair Manual p.3.

3. When Viewfinder Mask C9430 is touching Cover Plate C9252, make the proper corrections by bending C9252.

See Repair Manual pp.1&3.

4. If Viewfinder Mask C9430 is touching Aperture Scale Index C9429 or EE-Signal C4359, bend either C9429 or C4359 so that there will be a gap of approximately 1 mm.

See Repair Manual pp.2&3.

When the Aperture Scale Indicator inside the Range-Viewfinder out of order, the following ajustments should be made:

1. Make necessary adjustments by turning the Eccentric Screw of Lever C9427. If after adjustment the needle should again become unaligned, it means that the calking of the Eccentric Screw has become loose. In this case, replace C9427.

See Repair Manual p.2.

2. If the needle of Aperture Scale Index C9429 is bent and is touching Viewfinder Mask C9430, adjust by bending the needle.

See Repair Manual p.3.

3. If Lever C9427 and Lever for Mask C4137 are out of place, adjustments should be made by bending C9427 upwards.

See Repair Manual pp.2&8.

4. If Lever C9427 and Arm C9428 are out of place the upward and downward play of both should be adjusted with a washer.

See Repair Manual pp.2&3.

5. If the movement of C9427 is impeded by Lever C9427 and Film Counter Advancing Lever C9431 pressing against it, C9431 should be bent and adjusted so that it will not touch.

See Repair Manual p.2.

When the Red Mark does not appear normally, that is, when the Red Mark appears even though the Shutter has been set for automatic photography, or when the Red Mark does not appear at all after the lens cap has been put on and the Shutter Button pressed, it may be assumed that something is wrong with the Red Mark itself. In this case, the following adjustments should be made:

1. If the movement of Moving Guide C4153 is bad, replace Washer W 2132 x 2, which is under Retaining Washer YS 1131 x 2 holding C4153, with one of less thickness.

See Repair Manual p.8.

2. Adjust the length of EE-Signal C4359 after loosening Screw S1-140157 x 2 securing C4359.

See Repair Manual p.2.

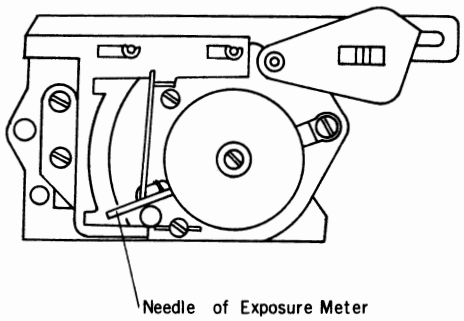
* * *

EXPOSURE METER

When the Shutter is not released even after the Shutter Button is pressed down for automatic photography with the shutter speed set at 1/125 or 1/250 in the bright sunlight, it may be assumed that the Exposure Meter has developed some kind of trouble. In this case, the following checks and adjustments should be made.

1. Check to see whether the meter needle is in the position shown in the figure with the lens cap on. Then take the lens cap off and see if the needle moves when the lens is pointed towards the light.

See Repair Manual p.2.



2. If the needle does not move, the connection between the photoelectric cell and the cord should be checked in the following order:

   1) Window C4258 and Lattice Window Frame C9338 are removed by disconnecting Collar C4261 with Tool T06A-C4261.

   2) Check whether the cord is firmly connected to Photoelectric Cell ES4003. Make sure that no naked wire is touching the inner side of ES4003.

   3) Before tightening C4261, press down on ES4003 with the hand and check to see if the needle moves when light is focussed on it.

3. If the above conditions are found to be normal but still the needle does not move, Exposure Meter CU066 should be replaced.

* * *

FILM COUNTER

If for some reason the Winding Mechanism becomes faulty and the Film Counter does not move forward, adjustments should be made in the following manner:

1. Check the Spring for Film Counter CU067 and reattach if it has come loose.

See Repair Manual p.2.

2. If the movement of the Stop Claw for CU067 is small, the Stop Claw will not mesh with the Ratchet Gear Teeth and this will prevent the Film Counter from moving forward. In this case, the tip of the Stop Claw should be bent.

See Repair Manual p.2.

When the Back Cover is opened the Film Counter will automatically return to "2", but if for some reason the Film Counter fails to return when the Back Cover is opened, adjustments should be made in the following manner:

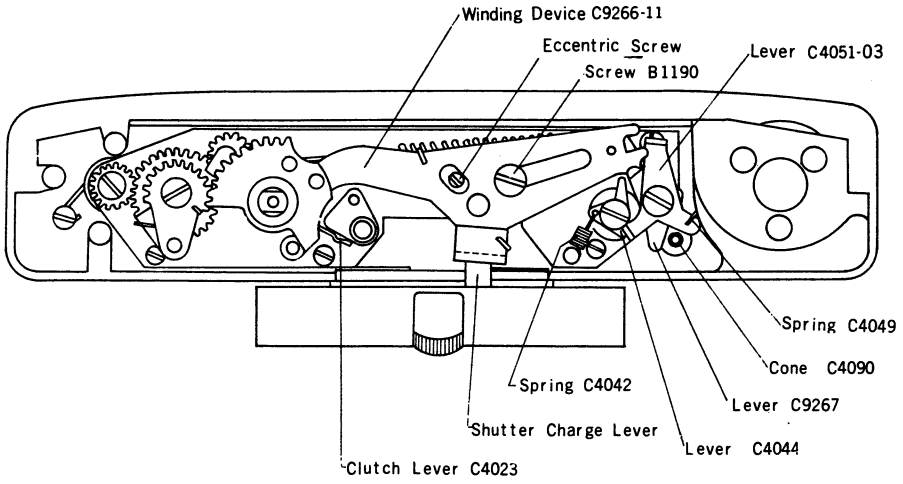
Check to see if the Resetting Lever of Film Counter CU067 is not touching the camera body. If it is found to be touching the camera body, adjust by bending the Resetting Lever.

See Repair Manual p.2.

* * *

WINDING MECHANISM

When the camera shows the conditions described below, it may be assumed that the Winding Mechanism has become defective and so the following adjustments should be made:



When the shutter is not charged even after the Trigger Lever is wound, the following adjustments should be made:

Loosen Screw B1190, float Winding Device C9266-11 and set the Shutter with a pair of tweezers.

Then adjust the amount of charge by turning the Eccentric Screw of C9266-11.

See Repair Manual p.5.

When the Trigger Lever does not move, the following checks and adjustments should be made:

1. Check to see whether the Screw for the Winding Device is loose.
2. Check to see whether Spring C4049 is out of place. If so, reattach.

See Repair Manual p.5.

3. If Cone C4090 is caught between Lever C9267 and Lever C4051-03, loosen Screw S1777 and adjust C4090 by turning it to the right.

See Repair Manual pp.2&5.

4. If Lever C4051-03 does not disengage itself from Lever C4044 when the shutter button is pressed down because Cone C4090 does not go down enough, Screw S1777 should be loosened and adjustments made by turning C4090 to the left.

See Repair Manual pp.2&5.

When the Trigger Lever runs idle or when it winds many times before the shutter button is pressed down, the following checks and adjustments should be made:

1. Check to see whether Spring C4042 is out of place. If so, reattach.

See Repair Manual p.5.

2. If the spindle of Lever C4044 is bent, replace Base Plate C9262-09.

See Repair Manual p.5.

3. If the gap between Lever C4044 and Winding Device C9266-11 has become too wide because Lever C4044 has become worn out, adjustments should be made by turning the Hexagonal Eccentric Nut for Base Plate C9262-09 with Spanner-2 for C4041. If this is insufficient, C4044 should be replaced.

See Repair Manual p. 5

When the Shutter Button cannot be pressed down, it should be adjusted in the following manner:

Check to see whether Spring C4049 attached to Lever C4051-03 is out of place and if so, reattach.

See Repair Manual p. 5

When the Shutter Button does not return to its original position after it has been pressed down, the following adjustments should be made:

Check to see whether Cone C4090 is caught between Lever C9267 and Lever C4051-03. If so, loosen Screw S1777 and make adjustments by turning C4090 to the right.

See Repair Manual pp. 2 & 5.

When the film cannot be rewound or when the film catches, the following adjustments should be made:

Open the Back Cover and set the Rewind Clutch Lever to R. Then check to see whether it will turn both to the left and right by rotating the sprocket manually. If it does not turn, see whether Clutch Lever C4023 is bent, or whether Clutch Shaft C4056 is held down properly by C4023. Then adjust by bending C4023, or replace C4023.

See Repair Manual p. 5.

* * *

INCORRECT FOCUS

When the Back Focus becomes out of focus due to some kind of shock, the following adjustments should be made with the use of 200mm T-Type Collimator:

First, loosen only three of the S3787x4 Screws holding Focusing Ring C4256, determine the proper position by turning C4256, and when the proper position is found, loosen the remaining one S3787 Screw.

Lastly, set the ∞ of C4256 to the camera's Range-Viewfinder Distance Scale and again tighten all four S3787x4 Screws.

See Repair Manual p. 6

When the double-image of the Range-Viewfinder does not align due to some kind of shock, adjustments should be made after referring to the paragraph on "When the Range-Viewfinder's Double-Image does not align."

* * *

CANON REPAIR GUIDE

SHUTTER for CANONET

(REF. NO. 1-30208)

CANON CAMERA CO.,INC.

TOKYO, JAPAN

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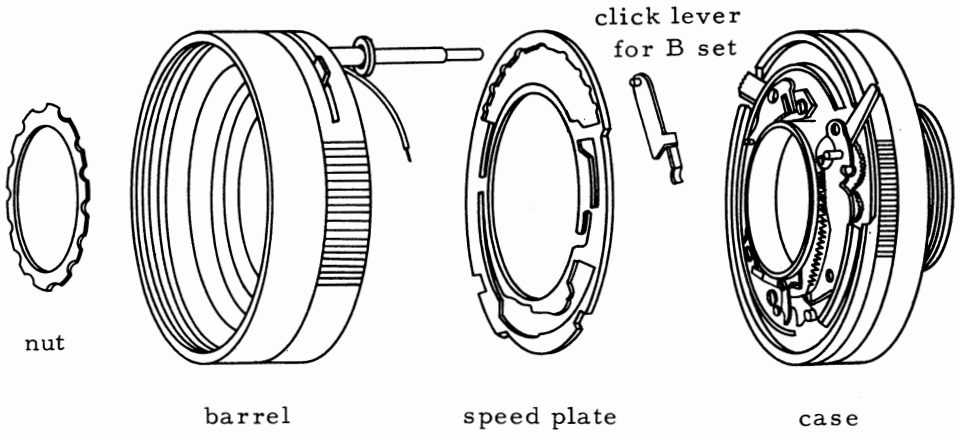
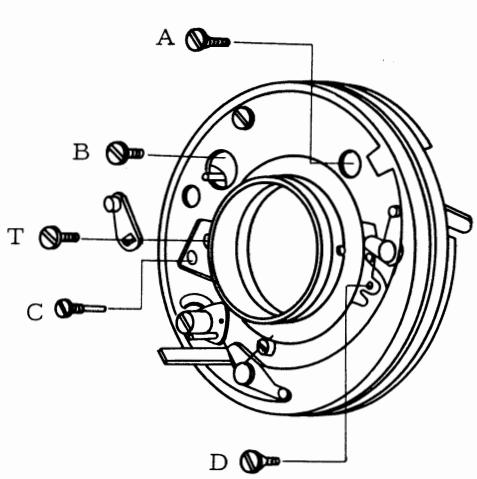
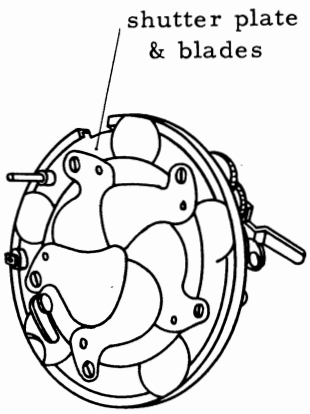
BARREL DISASSEMBLING



Works	Specifications
Taking out Barrel	Fit the nut to the screw. Taking out nut. n.b. Use a pincers or pin face screwdriver for the purpose. Taking out barrel.
Taking out Speed Plate	Taking out speed plate.
Taking out Click Lever for B Set	Taking out Click Lever for B Set.

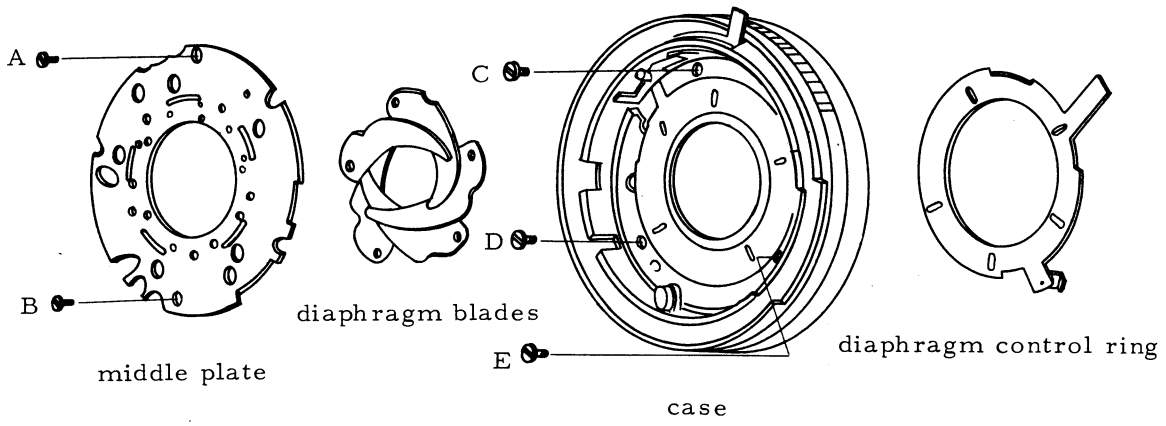
SHUTTER BLADES DISASSEMBLING





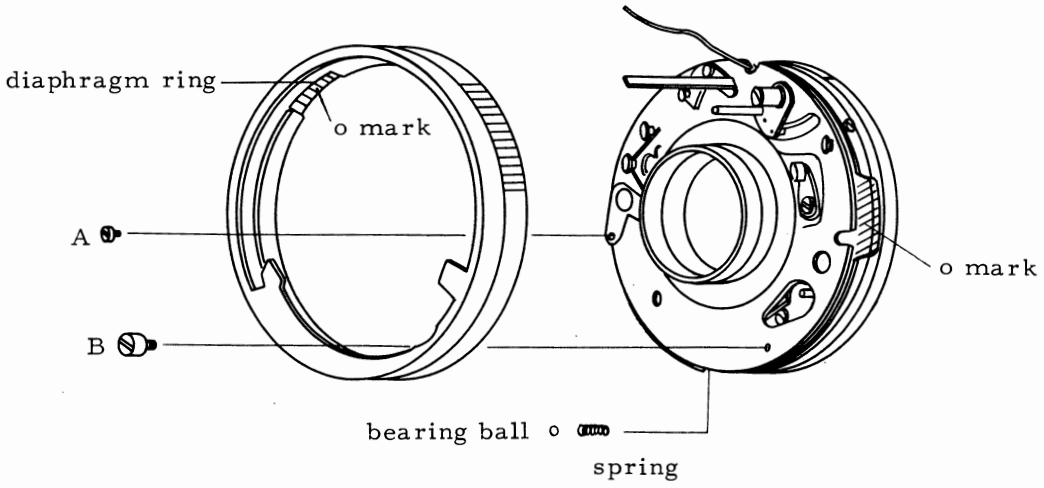
Works	Specifications
Taking out Set Lever	Taking out $\frac{\text{screw.}}{\text{T}}$ Taking out set lever. n.b. The set lever should be taken out pushing the top end up with screwdriver.
Taking out Plate	Taking out $\frac{\text{screw}}{\text{A,B,C,D}}$ x 4. Taking out plate. It can be taken out in the state of shutter blades being assembled to the plate.

DIAPHRAGM BLADES DISASSEMBLING

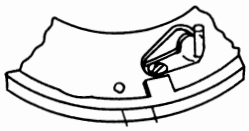


Works	Specifications	
Taking out Diaphragm	Taking out $\frac{\text{screw}}{A, B}$ x 2	Taking out middle plate
	Taking out diaphragm blades (5 blades).	
Taking out Diaphragm Control Ring	Taking out $\frac{\text{screw}}{C, D, E}$ x 3	Taking out Diaphragm Control Ring

DIAPHRAGM RING DISASSEMBLING



Works	Specifications
Taking out Screw x 2	Taking out screw A and B.
Letting Diaphragm Ring Revolve	Revolve the diaphragm ring direction of counter-clockwise to the shutter body about the position specified in the following diagram.
Taking out Diaphragm Ring	The diaphragm ring can be taken out at the position where two o marks come together.



approx. 5mm

n.b. Pay attention lest bearing ball and spring should be lost, bearing ball plays an role of auto click.

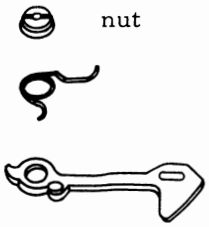
RELEASE LEVER ADJUSTMENT

How to Disassemble

1 Taking out M-Governor Driver

1) Taking out spring
2) Taking out nut

Take out the nut holding governor driver with your fingers from the top as the position of adjusting tap should not get out of position.



3) Marking

Put a mark to the governor drive and adjusting tap as the assemblying position should be easily identified.

4) Taking out M-Governor Driver
5) Taking out adjusting tap

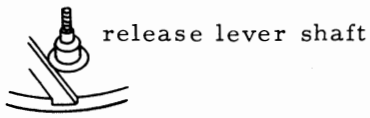
2 Taking out release lever

1) Taking out spring
2) Taking out release lever

Inspection

1 Insertion of shaft must be smooth.

2 There should not be any scratch and roughness on the surface where release hook touches.



How to Fix

1 Put MOG-3 to the release lever shaft.

2 Put MOG-3 to the release lever hook part.

3 Fix the release lever and spring.

4 Fix the adjusting tap.

5 Fixing governor driver.

6 Fastening nut

Putting the mark of governor driver and adjusting tap together and fasten holding governor driver with your fingers lest the position of tap should move.

7 Check gearing of release

Refer to the item how to replace and adjust tension.

8 Fixing B lever.

M-GOVERNOR ADJUSTMENT

How to Disassemble

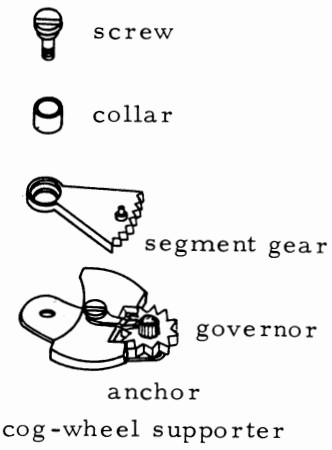
1 Taking out B lever.

2 Taking out M-Governor Driver.

Refer to the item how to replace and adjust release.

3 Taking out segment gear.

1) Screw
2) Segment gear



Inspection

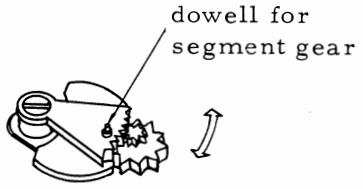
1 Space between cog-wheel supporter and anchor must be less than 0.15mm.

2 Operation of anchor and cog-wheel must be smooth.

How to Fix

1 Fixing governor

1) Put the governor on plate.
2) Segment gear collar
3) Segment gear
4) Screw
5) When holding the dowell and letting it move to right and left, it should operate smooth without any pulling.



Gear space between segment gear and cog-wheel can be adjusted to some extent.

2 Fixing governor driver

Refer to the item how to replace and adjust release lever.

3 Check release gearings.

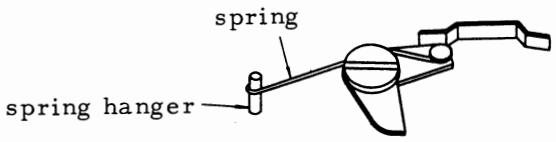
Refer to the item how to replace and adjust tension.

4 Fixing B lever

SHUTTER BLADES ADJUSTMENT

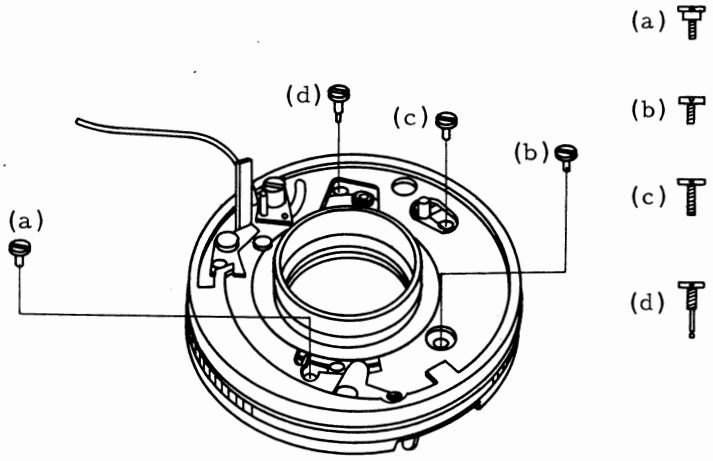
How to Disassemble

1 Take out the spring from spring hanger.

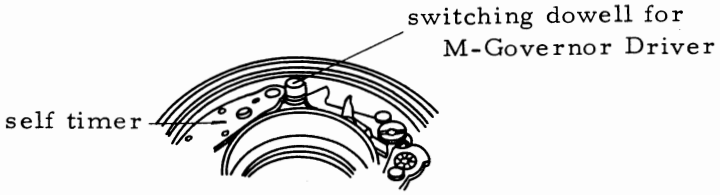


2 Take out tension lever in the state that shutter is depressed.

3 Take out four screws which fix plate.



4 Set dowell for M-Governor Driver at the point a little farther near to X than M position.

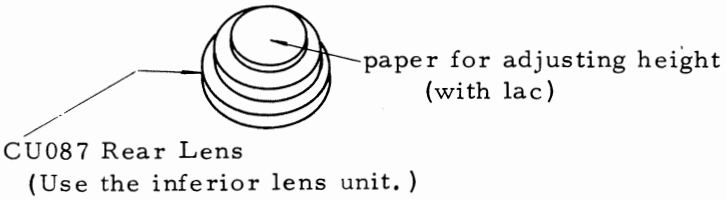


Inspection

Scratched blades, dirt, oily, fingerprints

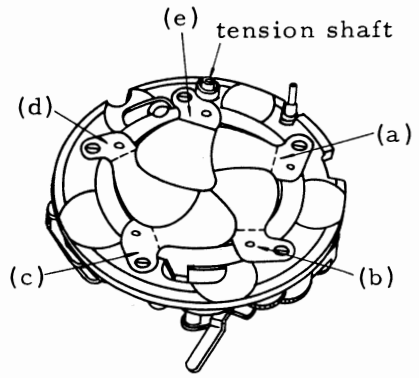
1 Plate

1) Put CU087 Rear Lens to the plate.



2) Assembling sub shutter blade

Assemble as shown in the diagram (a)-(d).



3) Assembling shutter blades

Assemble as (a) - (e). clockwise direction.

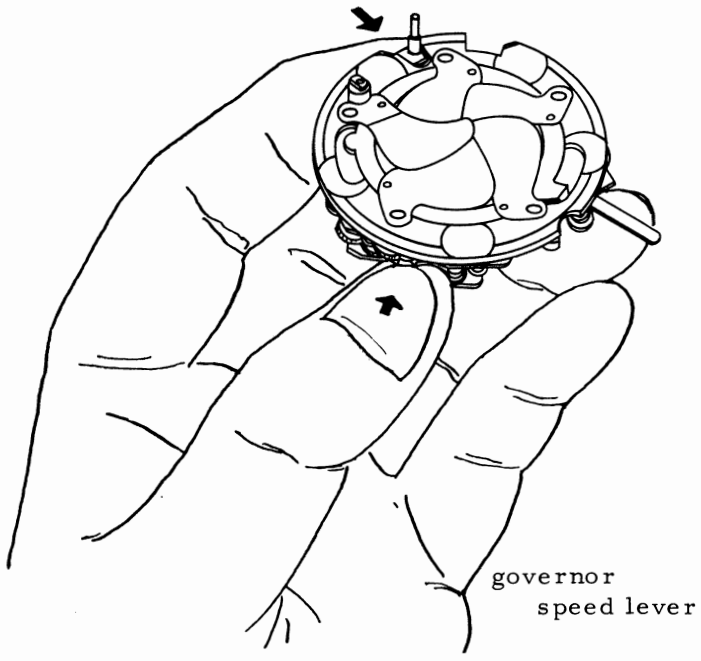
Assemble the last sub blade on the blade (e).

n.b. Pay attention not to put any fingerprints on it.

2 Case

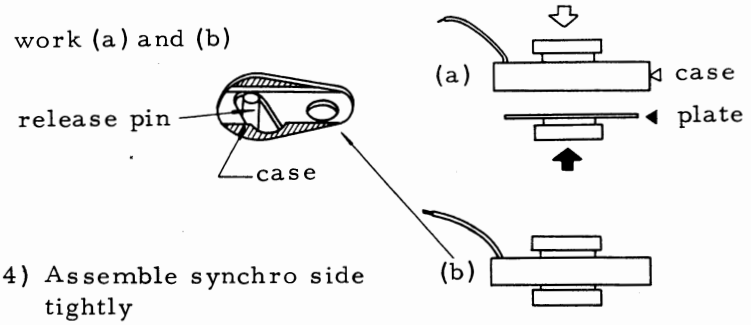
Check setting position of M-Governor Driver switching dowell. The position should be a little farther near to X than M position.

3 Assembling plate and case



1) Hold the plate with your left hand as shown in the diagram, and press the release lever in with your forefinger. In this stage pay attention if it is inclined, the assembled blades come off.
2) Hold it in the direction which the case is fitted to the plate, and fit the release lever pin and long hole for the pin.

3) Placing the case and the plate in parallel, assemble in until the height of release pin's top end becomes same level as the oblique lines portion of the diagram.



4) Assemble synchro side tightly

work (c)

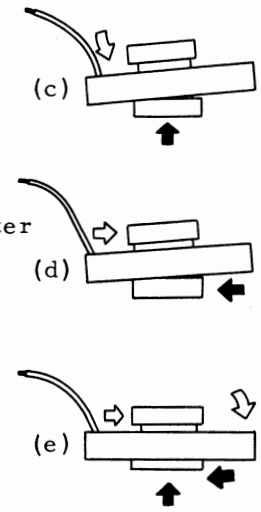
5) Being synchro side closely fitted to ....

work (d)

6) Assemble the other side (synchro wire side.)

In this stage assemble after M-Governor Driver is properly set.

work (e)



4 Fasten four pieces of screw for the plate.

Refer to the item how to disassemble (3) of this section.

5 Hanging spring for synchro contact.

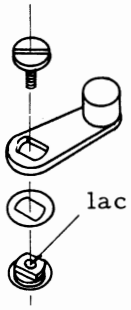
Refer to the item how to disassemble (1) of this section.

6 Fixing tension lever

Put a little lac to screw hole of tension shaft.

n.b. 1 Put correctly the pieces of washer which have been inserted.

2 Pay attention that lac should not be put to the operation portion.



DIAPHRAGM BLADES ADJUSTMENT

How to Disassemble

1 Taking out plate.

Refer to the item how to replace and adjust shutter blades.

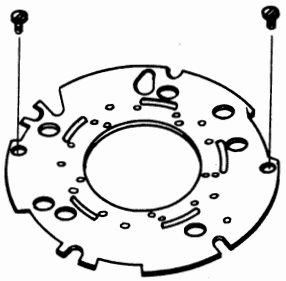
2 Taking out blades retaining plate.

1) Set the diaphragm regulating ring at Auto.
2) Taking out two screws for blades retaining plate.
3) Taking out the blades retaining plate.

Inspection

Scratch, dirt, oil and fingerprints on the baldes.

1 Assemble the blades as the direction shown in the diagram in order of the counter clockwise.

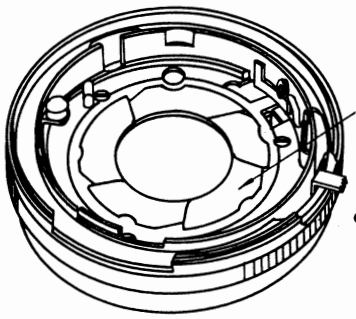


blade retaining plate

2 Put the blades in order within the case circle.

3 Fix the blade retaining plate.

4 Fasten the screw for the plate.



5 Check the operation of blades. They should move smoothly without any pullying.

6 Fixing plate.

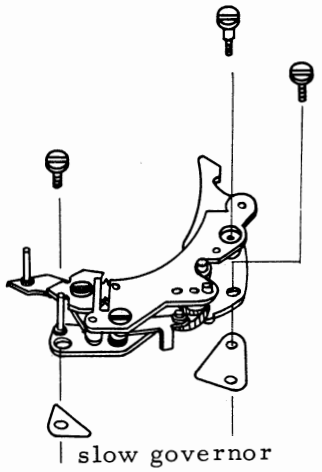
Refer to the item how to replace and adjust shutter blades.

MAIN COCKING LEVER ADJUSTMENT

How to Disassemble

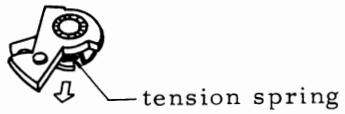
1 Taking out slow governor

1) Set the cocking lever.
2) Take out three screws for the governor.
3) Take out the governor.
4) Take out washers



2 Taking out the main cocking lever

1) Take out tension spring.



Take out the spring to the arrow direction using a screwdriver.

2) Pull out the main cocking lever.

n.b. Pay attention as the synchro contact should not be bent when it pulls out.

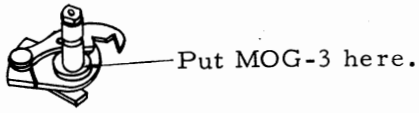
Inspection

1 The move of piston should be smooth.

2 Every surface should be smooth.

How to Fix

1 Put MOG-3 on the tension.

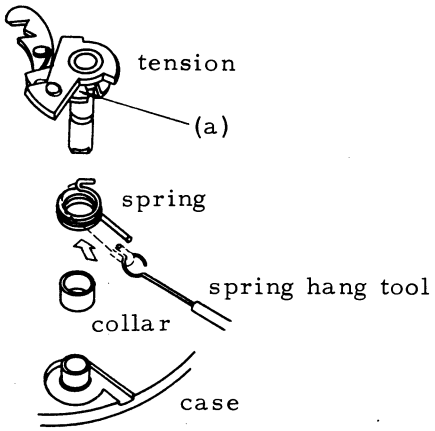


Put a little MOG-3 on the brim.

2 Fix the main cocking lever

Push in the main cocking lever on the way of the extent that spring hang tool can be inserted.

3 Hang the spring hang tool to rise up portion of tension spring and hang it to portion (a) of the main cocking lever pullying the spring.



4 Press the main cocking lever completely down.

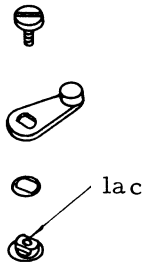
If it is hard, insert it in pushing the tension spring to the arrow direction with pincers.

n.b. 1 Pay attention as the spring should not be weakened.
2 Pay attention to the bending of contact.

5 Fix rear cocking lever.

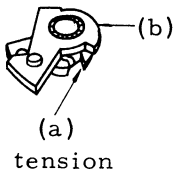
Put a little lac to screw hole of main cocking lever shaft.

n.b. Pay attention as lac should absolutely not be put to the operation portion.



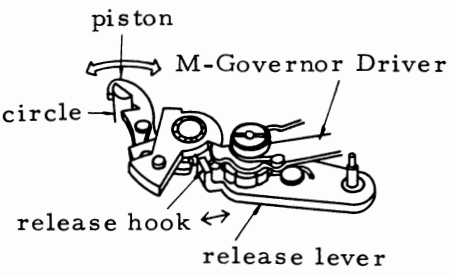
6 Put MOG-3 to the main cocking lever

Put a little MOG-3 to the (a), (b) portion in the diagram.



7 Gearing of release lever and main cocking lever

1) Set the cocking lever.
2) Letting the piston operate to the arrow direction and check if it touches to semicircle.



3) If it touches, adjust bending the release hook to the arrow direction.
4) Timing of piston, setting of semicircle, tension, and release hook
   - i As a rule the release and piston should be charged simultaneously.
   - ii It may have some divergence, however, it should not extremely be different, because it causes that synchro contacts when the contact moves and sets.
   - iii In that case the piston should charge in the first place.
5) Room

   It requires some room space after charge.

TROUBLE, CAUSE & REMEDY

IT CANNOT BE RELEASED.

1 The blades do not move.	1-1	Oil Clean.
	1-2	Metal collapse Replacement Refer to the item of shutter blades adjustment.
2 The main cocking lever does not move.	2-1	Creaking main cocking lever shaft Replacement Refer to the item of main cocking lever adjustment.
	2-2	Rusting main cocking lever Replacement the same as the above
3 Inferior Piston Move	3-1	Coming off piston spring Correct the hanging. Check the spring movement.
	3-2	Adjusting aberration Refer to the item of main cocking lever adjustment.
	3-3	The piston does not move. Replacement the same as the above
4 An obstacle be caught in.	Abridged	

HEAVY RELEASE

1 Roughness of Release Hook and Main Cocking Lever	1-1	Lack of oil on the touching surface Lubricate MOG-3 on the surface.
	1-2	Roughness of the touching surface Replacement Refer to the item of release lever and main cocking lever adjustment.
2 Inferior Operation of	2-1	Bent release lever Adjustment Check the gearing of rear release and tension.

	2-2	Rusted release lever Replacement Refer to the item of release lever adjustment.
3 Inferior Release Ring	3-1	Rough surface of release pin Polish using oil stone and after that put a little liquid molybdenum.
	3-2	Rough surface where touches to the helicoid The disposal is same as mentioned in 3-1.
	3-3	Bent release ring Rectifying or replacement

IT CANNOT BE CHARGED.

1 Coming off Main Cocking Lever	1-1	Loosened screw Refer to the item of main cocking lever adjustment.
	1-2	So much room space in the tension lever long hole the same as the above
2 Inferior Piston Move	2-1	The piston does not move. Refer to the item of main cocking lever adjustment.
	2-2	Coming off piston spring Hang it up and check the effect of spring.
3 Inferior Release Lever Move	3-1	Bent release lever After adjustment, check the gearing of release and main cocking lever. Refer to the item of main cocking lever adjustment.
	3-2	Inferior release spring Replace it and refer to the item of release, lever adjustment.
	3-3	Rusted release lever Replace and the rest is same as the above.

CHARGE IS HEAVY.

1	Rough Surface of Main Cocking Lever with Release Lever	1-1 Lack of Lubrication Lubricate MOG-3 to the touching surface.
		1-2 Rough surface Replace main cocking lever and release lever. Refer to the item of main cocking lever and release lever adjustment.
2	Creaking Main Cocking Lever Shaft	2-1 Lack of Lubrication Lubricate MOG-3 to the tension shaft. Refer to the item of main cocking lever adjustment.
		2-2 Rough tension shaft Replacement the same as the above
		2-3 Rusted tension shaft Replacement the same as the above
3	Rear cocking lever touches to rear cover plate.	3-1 Bent rear cocking lever Replacement Refer to the item of main cocking lever adjustment.
4	Inferior M Governor	4-1 Cog-wheel has been detached and it touches to connection plate. Adjustment Refer to the item of M Governor adjustment.
		4-2 Loosened segment gear screw Adjustment the same as the above
		4-3 Lack of lubrication on cog-wheel Lubrication

DIAPHRAGM BLADES DO NOT RETURN.

1	Oil	Cleaning
2	Stuck Blades	2-1 Inferior stopper position After adjustment: 1 Stop down fully up to f 16 by manual lever.

		2 At this time check if the auto lever moves smoothly without any catching.
	2-2	Warping Replacement Refer to the item of diaphragm blades adjustment.
	2-3	Scratch Replacement the same as the above
3 Transformation by Shock		Refer to the item of diaphragm blades adjustment.
4 Detached Spring		Hang it up.
DIAPHRAGM BLADES DO NOT RETURN SMOOTHLY.		
1 Oil		
2 Inferior Operation of Auto Diaphragm Lever	2-1	Loosened screw abridged
	2-2	It touches to the case because of bending. Replace the auto lever.
	2-3	Rusted the same as the above
3 Inferior Operation of Manual Diaphragm Lever	3-1	Lubricate and clean.
	3-2	Replace in case of inferior revetting.
	3-3	Replace in case of rusting.
B FULL OPEN		
1 Inferior Governor		Refer to slow skipping.
2 Connection of B Lever and Main Cocking Lever	2-1	Stuck Replace B lever.
	2-2	Rough surface Replace B lever and main cocking lever. Refer to the item of main cocking lever.
3 Creaking Sector Ring		Most of this trouble being caused by shock.

		Replacement Refer to the item of shutter blades adjustment.
4	An obstacle has been stuck.	abridged
B SKIPS.		
1	Inferior Operation of B Lever	Replacement
2	Warped Cam Plate	Rectify.
ONE SECOND OPEN		
1	Inferior Governor	1-1 Loosened governor set screw abridged 1-2 Lack of lubrication on anchor Lubricate. 1-3 Aberrant adjustment for anchor Adjust. 1-4 Connection plate is too loose. Replace governor. 1-5 There is an obstacle in gear Rinse by benzine and then lubricate.
2	Creaking Sector Ring	Most of this trouble being caused by shock.
3	An obstacle has been stuck	abridged
SLOW SKIPS.		
1	Inferior Governor	1-1 Operation of anchor clutch lever Replace governor. 1-2 Put in anchor clutch lever pin. After being adjusted the bending of clutch lever, and then adjust the clutch space. 1-3 Anchor clutch lever pin is too high. the same as the item 1-2 1-4 Inferior operation of speed change lever Replace governor.

		1-5 Loosened revetting of pinion gear Replace governor.
		1-6 Creaking of connection plate
IT CANNOT BE RELEASE SELF-TIMER.		
1	Inferior Operation of Clutch Lever	1-1 Bent clutch lever Rectify bending.
		1-2 Detached clutch lever and sector ring's dowell Adjustment
2	Bent Safety Lever	Hold the end of safety lever with pincers and rectify the bent base by pushing in a screwdriver.
3	Self gear gets dirty.	Rinse by benzine and they lubricate.
4	An obstacle has been stuck.	abridged

CANON SERVICE TOOL MANUAL

CANONET

(REFERENCE NO. C-30206)

CANON CAMERA COMPANY, INC.

TOKYO, JAPAN

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THE LENS SHUTTER TESTER

THE INSPECTION DEVICE FOR CANON METER

THE LOCATING JIG FOR THE EE-DRIVING SHAFT

THE SPANNER-2 FOR C4041

LIST OF SPECIAL SCREWDRIVERS FOR CANONET

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HOW TO USE THE LENS PROJECTION TEST UNIT

1. NAME OF THE TOOL

   Lens Projection Test Unit

2. PURPOSE

   When the Canonet is overhauled, for example, by disjointing the front panel with objective from the body or by disassembling the front panel with objective lens, it is necessary to adjust and reassemble them, while testing, in the following method of test:

   (a) Correct adjustment shall be made of the focal plane of the camera in the same method as adopted for the 200mm T Type Collimator.

   (b) Test and adjustment shall be conducted, through the use of the Lens Projection Test Unit, as to whether the lens is correctly fitted in the camera body.

   This formula may be applied also to the checking of the customers' claims regarding the quality of the lens.

   It is necessary, however, to prevent the participation in the test work by those customers who have little technical knowledge; otherwise it may cause an unnecessary conflict with them.

3. TO BE USED FOR

   Canonet

4. COMPOSITION

   (1) The Lens Projection Test Unit 1

   The Lens Projection Test Unit refers to the equipment for use in the test of the Canon Lens and Canon Cine Lens, which has already been supplied, with the exception of its attachment; so the Test Unit is not supplied with the recently-introduced Lens Projection Test Attachment-2.

   (2) The Lens Projection Test Attachment-2 1

   (3) Screen 1

   This projection test screen is not supplied with the Lens Projection Test Attachment-2. White mat art paper pasted up on a wall, a white wall as such, or a suitable cine screen may be used as the projection test screen.

   Its standard size shall be about 75cm by about 110cm, but it is desirable for its surface to be even.

   This is because it is difficult to discern any image on a screen the surface of which is rough.

5. OUTWARD APPEARANCE

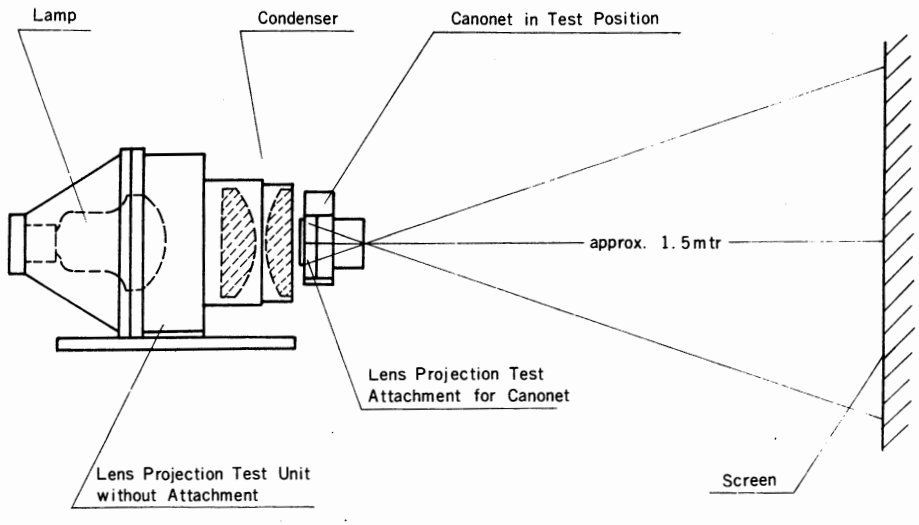


Fig. 1 The method of the Lens Projection Test for Canonet

6. HOW TO USE

6.1. The Lens Projection Test Unit without attachment shall be placed on a desk the surface of which is even, a screen being set right ahead of the desk. In this case, the Test Unit shall be made to face just toward the screen with a space of about 1.5 m left. The screen shall be about 75cm x about 110cm in size.

6.2. The lens shall be opened to F1.9 with the shutter kept to Time exposure.

6.3. The Lens Projection Test Attachment-2 shall be fixed in the back of the camera body by opening its back cover so as to be stuck close to the rail. In this case, the center of the Test Attachment shall be trained right on the optical center of the lens. In handling the Lens Projection Attachment, you must keep your fingers off the plateglass, especially the test chart.

6.4. The Lens Projection Test Unit shall be switched on.

6.5. The camera body shall be maintained so that the distribution of light intensity through the camera in the test position can be equivalent. In this case, a suitable holder may be used.

6.6. The helicoid of the lens shall be adjusted so that the test chart's image on the screen can be discerned most clearly.

6.7. If the test chart is imaged equally on the screen both vertically and horizontally, then it may safely be said that the lens is fixed properly to the camera body.

It is necessary, however, to note that tolerance, however slight it may be, is considered in proportion to the ratio of photographing. Even if at first sight the lens is fitted in the camera body in the wrong way, sometimes it need not be taken seriously if the ratio of photographing is taken into consideration in examining the image on the screen.

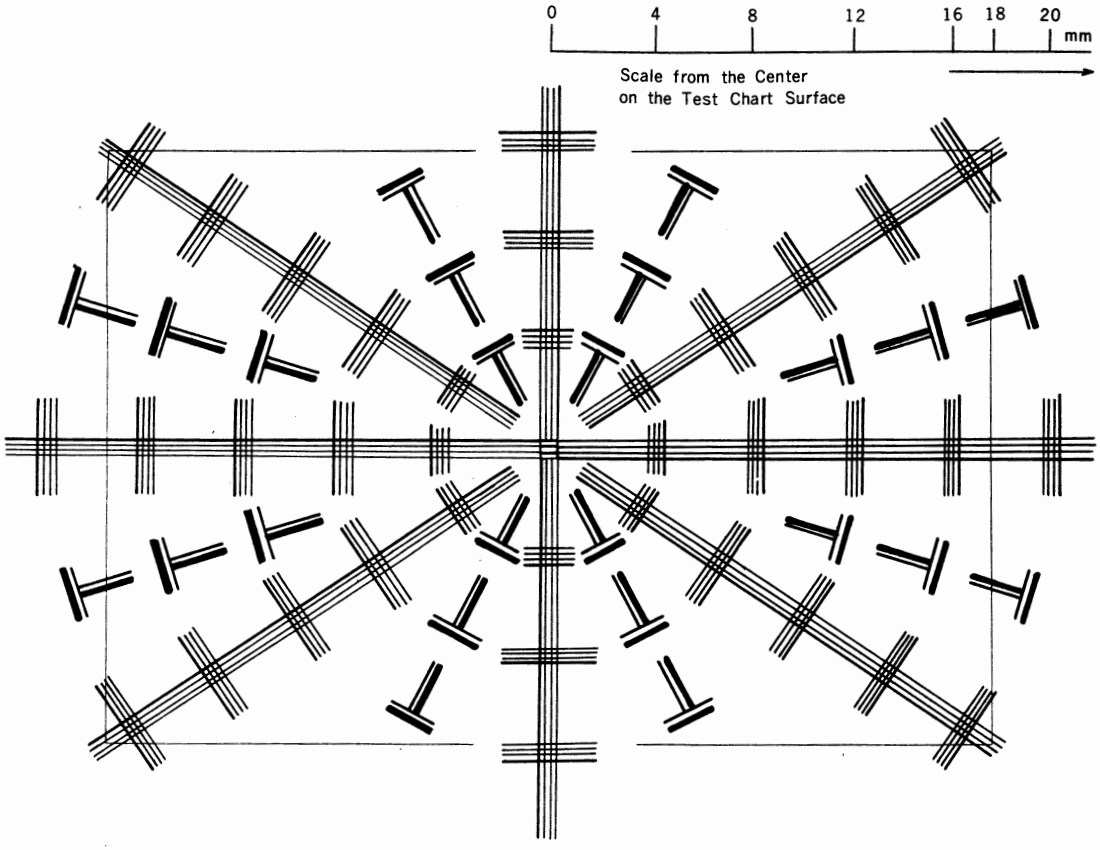


Fig. 2 The Diagram of the Test Chart

HOW TO USE THE 200mm T TYPE COLLIMATOR

1. NAME OF THE TOOL

   200mm T Type Collimator

2. PURPOSE

   In repairing the Canonet, when the front panel with objective lens has been removed from the body or when front panel with objective lens has been further dismantled, a 200mm T Type Collimator must be used to adjust the helicoid so that the focal plane will be accurately maintained.

3. TO BE USED FOR

   Canonet

4. COMPOSITION

   (1) 200mm T Type Collimator (collimator, pole, stand)

   (2) Mirror

5. OUTWARD APPEARANCE

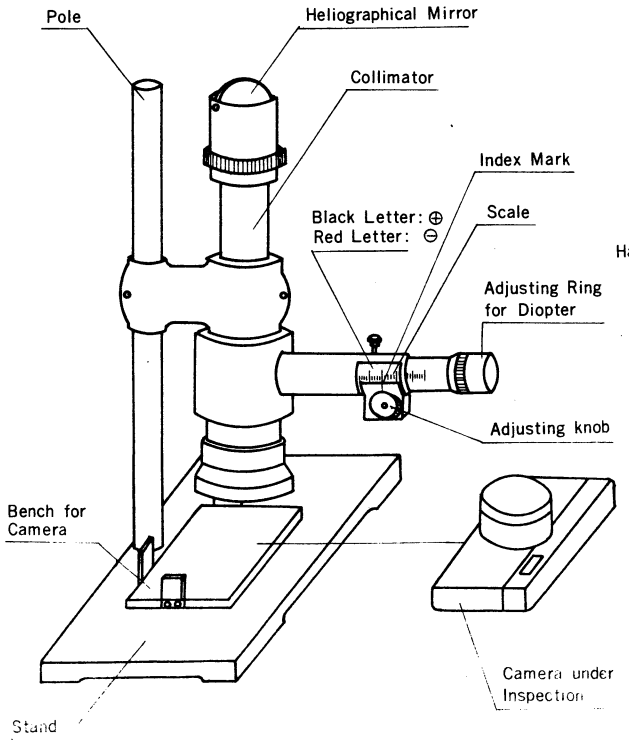


Fig. 1 *The Appearance of the 200mm T Type Collimator*

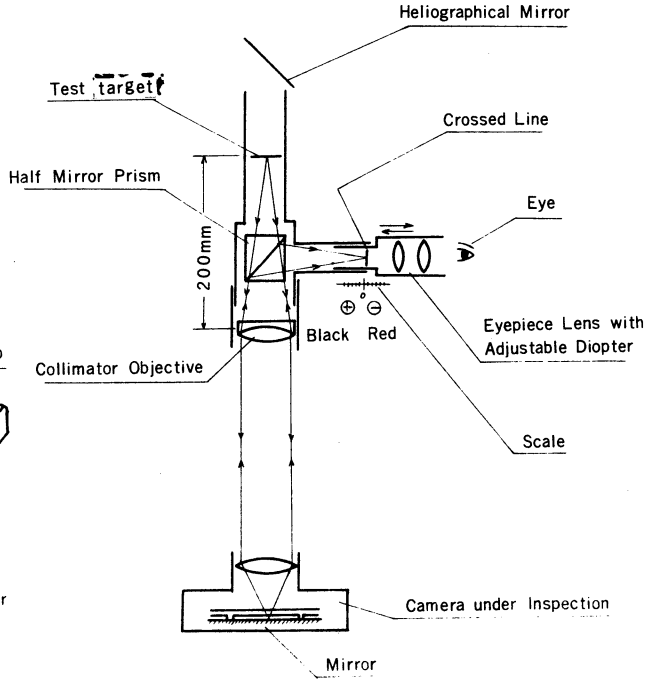


Fig. 2 The Illustraion of the optical construction of the 200mm T Type Collimator

6. HOW TO USE

6. 1. Place the stand of the 200mm T Type Collimator on a flat table, set up the pole and attach the collimator to the pole.

6. 2. Place the mirror on the bench of the stand. Next, turn the heliographical mirror and adjust so that the field of vision is brightest. It is most desirable to use natural light.

6. 3. Turn the adjusting ring for the diopter and adjust so that the crossed line within the field of vision is clearest.

6. 4. Turn the adjusting knob directly underneath the scale and find the position in which the test target picture can be seen at its clearest.

The test target picture should be clearest when the scale is at the "0" position, but adjustment is not very easy until one gets used to it. Practice is necessary.

6. 5. After the camera has been assembled, place the mirror against the camera's film plane position and close the back cover. Have the reflecting surface of the mirror facing toward the lens side.

6. 6. Open the lens aperture to F1. 9, set the distance scale to infinity set the shutter speed to T (time) and open the shutter.

6. 7. Place the camera with the top cover toward you on the bench.

6. 8. Turn the adjusting knob directly underneath the scale and find the position in which the test target picture can be seen at its clearest.

If this position is between 8 and 10 on the black letter side, you are guaranteed of correct focusing of your camera.

7. HOW TO ADJUST

7. 1. If this position is not between 8 and 10 on the black letter side, take the following steps:

7. 2. Adjust the scale of the 200mm T Type Collimator to 9 on the black letter side.

7. 3. Loosen the lock screw S3787 of the camera's focusing ring C4256.

See Repair Manual p. 6.

7. 4. Place the camera on the bench. While looking at the field of vision, place your fingers on the focusing knob and turn the helicoid slowly, either clockwise or counter clockwise.

Turn the helicoid until you find the position in which the test target picture is clearest.

7. 5. Make the infinity mark ∞ of the focusing ring C4256 coincide with the distance scale index and then tighten the lock screw S 3787.

See Repair Manual p. 6.

7. 6. Repeat the inspection outlined in 6. 8.

HOW TO USE THE LENS SHUTTER TESTER

1. NAME OF THE TOOL

   Lens Shutter Tester

2. PURPOSE

   The Lens Shutter Tester is used to test the performance of the shutter of the camera with the lens shutter.

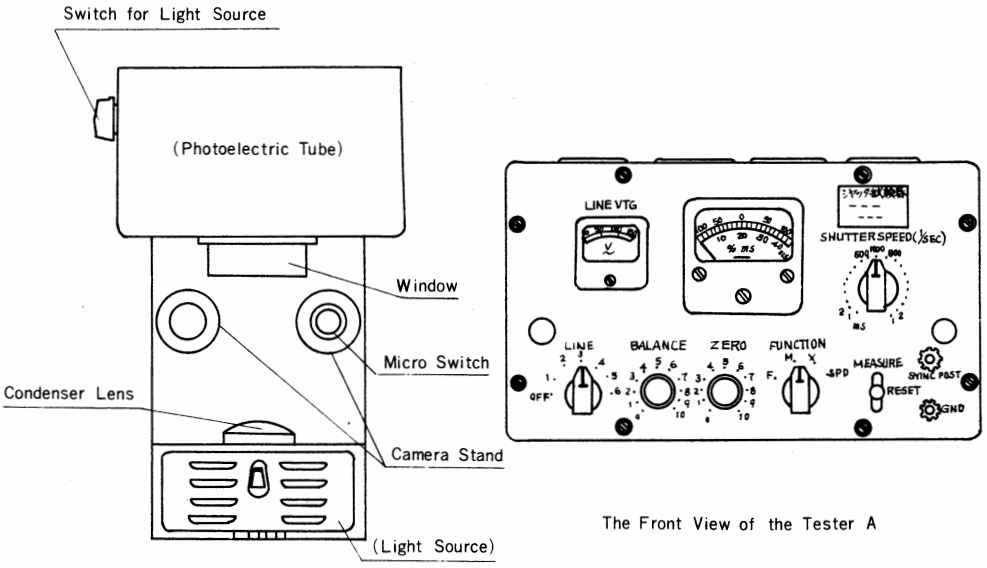
3. TO BE USED FOR

   Canonet

4. COMPOSITION

(1) The Lens Shutter Tester A	1
(2) The Lens Shutter Tester B	1
(3) Cable Cord	1
(4) Sync-Cord	1
(5) Lamp 24V 20W	1
(6) Fuse 1A	1

5. OUTWARD APPEARANCE



The Top of the Tester B

The Front View of the Tester A

The Appearance of the Lens Shutter Testers

6. HOW TO USE

   6. 1. Place the Lens Shutter Testers A & B on a flat table. Be careful not to let the intense light rays fall on the photoelectric tube of the Tester B.

   6. 2. Connect the Testers A and B with the Cable Cord.

   6. 3. Connect the Tester A with source of electricity.

   6. 4. Turn the LINE dial of the Tester A to the right and adjust the needle of the LINE VTG meter so that it gets into the red part.

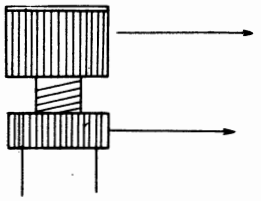
   6. 5. Wait for a few minutes until the Testers become settled.

   6. 6. Put the MEASURE lever of the Tester A on RESET and adjust the needle of the meter so that it points to -100,

by turning the ZERO dial.

Then, put the lever on MEASURE and, if the needle gets out of −100, adjust it by turning the BALANCE dial.

6. 7. Adjust the height of the camera stand of the Tester B so that the center of the shutter of the camera and that of the window of the Tester B come on the same point.



The stand will become higher when you turn this part to the left.

When you get suitable height, turn this part to the right and fix the stand.

6. 8. Set the LIGHT dial at 1.

6. 9. How to Measure the Shutter Speed.

6. 9. 1. Set the FUNCTION dial at SPD.

6. 9. 2. Set the MEASURE lever at MEASURE.

6. 9. 3. Set the SHUTTER SPEED dial at 1.

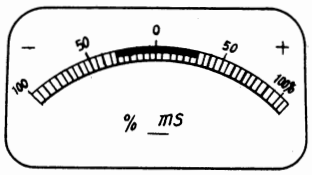
6. 9. 4. Set the aperture ring of the camera at open (F1. 9) and the shutter speed ring at 1.
(The SHUTTER SPEED of the Tester A and the shutter speed of the camera should be always the same.)

6. 9. 5. Open the hinged back of the camera.

6. 9. 6. Place the camera on the camera stand. (The lamp will be lighted.)

6. 9. 7. Press the shutter button.

6. 9. 8. The needle of the meter should indicate the value in the standard range (−30～+30(%)). (Read the value on the upper scale.)



6. 9. 9. The needle of the meter will return to −100 if you return the MEASURE lever to RESET after measuring.

6. 9. 10. Measure various shutter speeds in the same way.

6. 9. 11. If the shutter speed gets out of the standard range, parts must be exchanged as it is difficult to adjust the shutter speed itself.

6. 10. How to Measure the Time Lag of the X Contact.

6. 10. 1. Set the FUNCTION dial at X.

6. 10. 2. Set the MEASURE lever at MEASURE.

6. 10. 3. Set the SHUTTER SPEED dial at m. s.

6. 10. 4. Connect the red cord of one end of the Sync-Cord with SYNC. POST, the black one with GND and another end with the flash socket of the camera.

6 10. 5. Set the aperture ring of the camera at full open (F1. 9) and the flash setting lever at X. (Any shutter speed will do.)

6. 10. 6. Open the hinged back of the camera.

6. 10. 7. Place the camera on the camera stand.

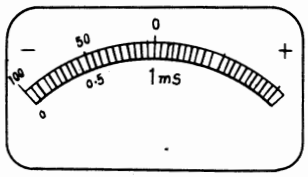
6. 10. 8. Press the shutter button.

6. 10. 9. The needle of the meter should swing in this condition. The swing of the needle, however, is very small. (Usually the swing is not more than 0. 5 m. s.)

6. 10. 10. When you want to read the quantity of the swing, measure it following the directions below.

Set the SHUTTER SPEED dial at 1000.

If the needle of the meter swings from −100 to 0 when you press the shutter button, the time lag in this case is 1 m. s.



When the SHUTTER SPEED is at 500, it will become 2 m. s.

6. 10. 11. If the needle does not swing, measure it following the direction below because the contact is not on the open position but on some stopped down one.

Turn the aperture ring a little from the open position. Turn the aperture ring to the position which is a quarter from 1. 9 to 2. 8.

The needle of the meter is expected to swing when you measure on this condition.

6. 10. 12. The needle of the meter will return to −100 if you return the MEASURE lever to RESET after measuring.

6. 11. How to Measure the Time Lag of the M Contact.

6. 11. 1. Set the FUNCTION dial at M.

6. 11. 2. Set MEASURE lever at MEASURE.

6. 11. 3. Set the SHUTTER SPEED dial at m. s.

6. 11. 4. Connect the red cord of one end of the Sync-Cord with SYNC. POST, the black one with GND and another end with the flash socket of the camera.

6. 11. 5. Set the aperture ring of the camera at full open (1. 9) and the flash setting lever at M. (Any shutter speed will do.)

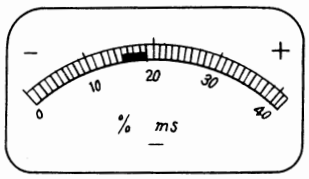
6. 11. 6. Open the hinged back of the camera.

6. 11. 7. Place the camera on the camera stand. (The lamp will be lighted.)

6. 11. 8. Press the shutter button.

6. 11. 9. The needle of the meter should indicate the value in the standard range (14. 5～19m. s.)

(Read the value by the numbers of m. s. of the lower scale of the meter.)



6. 11. 10. The needle of the meter will return to −100 if you return the MEASURE lever to RESET after measuring.

7. HOW TO TREAT AND PRESERVE

7. 1. Give neither vibration nor shock to the Lens Shutter Testers.

7. 2. Be careful not to let the intense direct rays fall on the photoelectric tube on the Tester B.

7. 3. Usually, test with the aperture full open.

7. 4. The LIGHT of the Tester B corresponds to the aperture of the camera approximately as follows.

LIGHT	Aperture
1	open～2. 8
2	4～11
3	16

The quantity of the swing of the needle of the meter and the brightness of the light source are not related but the Testers cannot work correctly if the brightness of the light source is too much or if it is insufficient.

7.5. If the needle of the meter does not swing or if it does not return after it swings to another end when you measure X or M contact, examine the brightness of the light source and the condition of the contact of that point.

7.6. The lamp used as the light source in the Tester B is the one of 24V, 20W (for cars).

7.7. As the output of the photoelectric tube changes as time goes on, select the suitable LIGHT of the Tester B, regardless of the correspondence stated on 4.4. when you measure.

HOW TO USE THE INSPECTION DEVICE FOR CANON METER

1. NAME OF THE TOOL

   Inspection Device for Canon Meter

2. PURPOSE

   The Inspection Device is the apparatus to be used as light source when the performance of Canon Meter and the products which have Canon Meter(e.g. Canonet and Zoom 8) are inspected. It should be connected to power supply, either 100V～125V or 220V～240V, following each direction.

   Model 1 100V～125V Projection Lamp 100V 500W

   Model 2 220V～240V Projection Lamp 220V 500W

3. TO BE USED FOR

   Canonet (besides, this Inspection Device can also inspect the Canon Meter of Canon Meter R, Canon Meter 2, Canon 7, Zoom 8 and so on.)

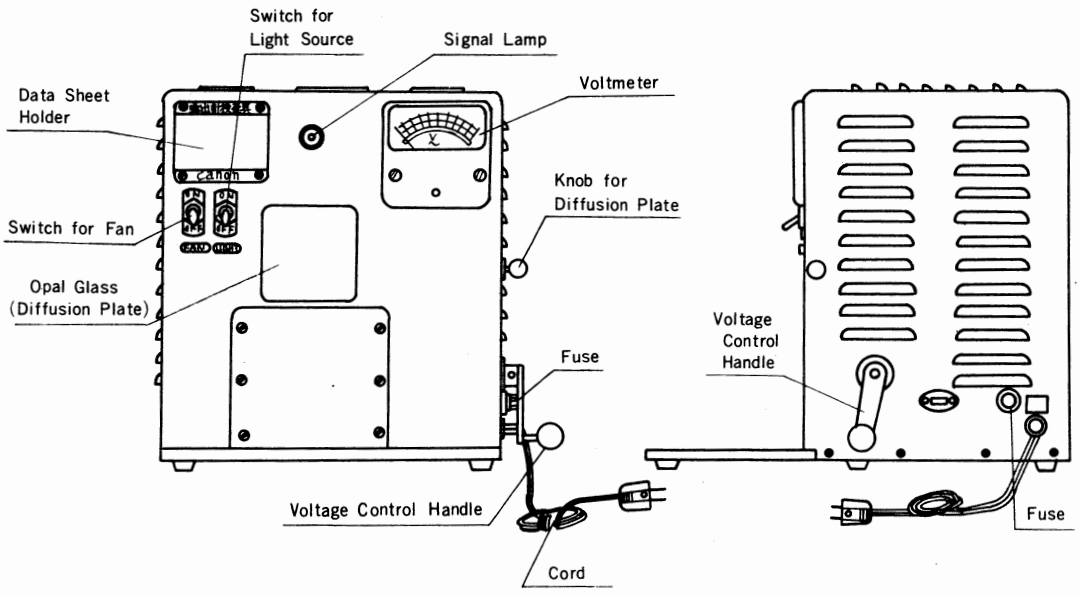
4. COMPOSITION

   (1) The Inspection Device for Canon Meter, Model 1 or Model 2 1

   (2) Projection Lamp (100V 500W or 220V 500W) 1

   (3) Fuse (Model 1 10A, Model 2 5A) 1

5. OUTWARD APPEARANCE



The Appearance of the Inspection Device for Canon Meter

6. HOW TO USE

6. 1. Place the Inspection Device for Canon Meter on a flat table where no direct rays of the sun fall intensely.

6. 2. Make sure that switches for the light source and for the fan are both OFF and the voltage control handle is turned full to the left.

6. 3. Connect the cord to power supply.

6. 4. When the switch for the fan is put to ON, the fan works and the signal lamp is lighted at the same time.

6. 5. Put the switch for light source to ON.

6. 6. If you turn the voltage control handle slowly from this side to the opposite (right way round), the light source gradually becomes brighter.

Making it properly bright, measure the accuracy of Canon Meter according to the directions below

6. 7. Measure 1

Set the film speed at ASA 100, shutter speed 1/8 and the aperture ring AUTO.

Turn the time ring to the letter T.

Place the meter window equally to the center of the Opal Glass of the Inspection Device.

Boost voltage to the value indicated on the Data Sheet, Term 1, by turning the handle.

(For Reference: The brightness in this case is approximately LV 8, using ASA 100 film.)

Press the shutter button.

Detach the camera from the Inspection Device, watch the diaphragm from the back of the camera opening the hinged back and examine how the aperture works, following the directions below:

Turn the aperture ring slowly and check the point where the diaphragm begins to work, consulting the calibrated scales on the aperture ring. The aperture should show the value between F4 and F8.

Be sure to return the aperture ring to AUTO after measuring.

6. 8. Measure 2

Repeat the same measure with ASA 100 and 1/125, on the condition indicated on the Data Sheet, Term 2.

(For Reference: The brightness in this case is approximately LV 12, using ASA 100 film.)

The aperture should show the value between F4 and F8.

Be sure to return the aperture ring to AUTO after measuring.

6. 9. Measure 3

Repeat the same measure with ASA 100 and 1/500, on the condition indicated on the Data Sheet, Term 3.

(For Reference: The brightness in this case is approximately LV 14, using ASA 100 film.)

The aperture should show the value between F4 and F8.

Be sure to return the aperture ring to AUTO after measuring.

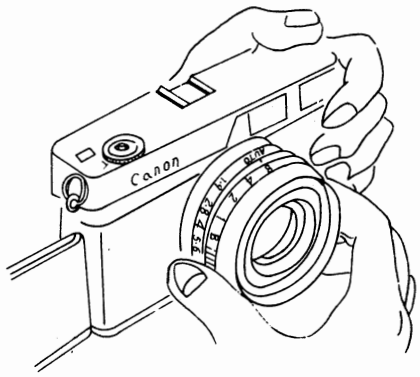


Fig. 1

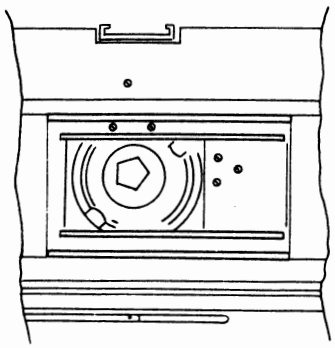


Fig. 2

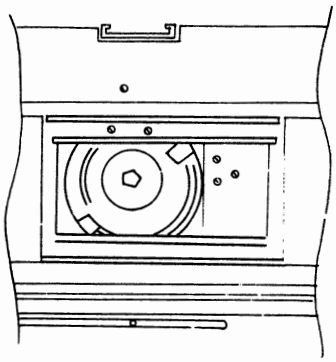


Fig. 3

Note: Fig. 1 Open the hinged back and turn the aperture ring from AUTO to the calibrated scales, watching the diaphragm from the back of the camera.

Fig. 2 The aperture at AUTO on this condition.

Fig. 3 Turning the aperture ring, you will find one point where the diaphragm begins to be stopped down furthermore.

BE SURE TO RETURN THE APERTURE RING TO AUTO AFTER MEASURING!

7. HOW TO INSPECT

7. 1. Keep in mind that the brightness of the projection lamp, the light source of the Inspection Device, changes while being used. For the surface of the lamp becomes black and the quantity of light which falls on the Opal Glass is changed. When the filament of the projection lamp is burnt out, you should check the brightness on the Opal Glass with the new projection lamp you are going to use.

7. 2. Use Canon Meter R which is correctly adjusted as the examining tool.

7. 3. How to Examine

7. 3. 1. Choose one of the Canon meter as the standard and check it as soon as the Inspection Device is delivered to you.

7. 3. 2. Check the chosen Canon Meter R on the conditions according to the attached Data Sheet and record the indicated value.

7. 3. 3. Examine from time to time the Inspection Device by the chosen Canon Meter R and revise the voltage indication of each Term on the Data Sheet.

7. 3. 4. When you exchange the projection lamp with a new one, check it with the Canon Meter R above mentioned.

7. 3. 5. Be sure that the voltage indicated on the Data Sheet should be correct especially as for the low voltage(0-40V for 100V and 0-100V for 220V.)

7. 4. The projection lamp used in the Inspection Device is that of JIS C 7511 Projection Lamp C 100V 500WS (Metallic Cap F27-22), which corresponds to ASA PH22.85-1953 Projection Lamp (Dimensions for T-10 Bulb)

8. HOW TO TREAT AND PRESERVE

8. 1. Give neither vibration nor shock to the Inspection Device.

8. 2. After use, let the voltage fall off to O by turning the handle left way round, put the switch for light source to OFF and, after it gets cool, put the switch for the fan to OFF.

8. 3. Avoid as possible lighting continuously for long time.

8. 4. Do not let the light from the outside (e. g. the sun, room lamp and so on) influence the Device while using. (Above all, do not open the top cover and never allow direct rays to fall on the Opal Glass.)

HOW TO USE THE LOCATING JIG FOR THE EE-DRIVING SHAFT

1. NAME OF THE TOOL

   Locating Jig for the EE-Driving Shaft.

2. PURPOSE

   Set up and adjust the Lever C9281 of the EE-Driving Shaft of Canonet following the directions below. The Locating Jig is necessary for these cases: when the Screw S3787 which attaches the Lever C9281 to the Driving Shaft is loosened, when the Lever C9281 is to be exchanged and when the front panel with objective lens is to be disassembled, repaired and again assembled.

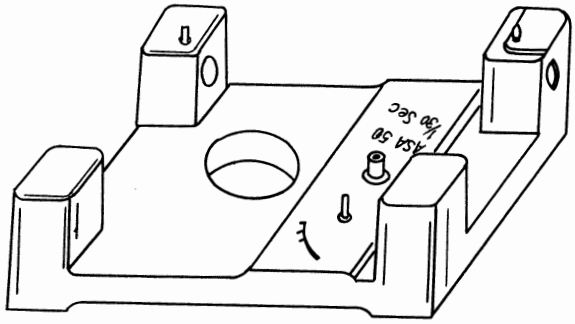
3. TO BE USED FOR

   Canonet

4. COMPOSITION

   (1) Locating Jig

5. OUTWARD APPEARANCE



(Front)

6. HOW TO USE

   6.1. Set the Locating Jig on a flat table in the position shown above.

   6.2. Set the Film Speed to ASA 50, Shutter Speed 1/30 and Lens Aperture F5.6

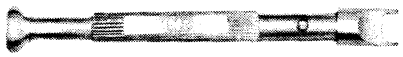
   6.3. Attach the front panel with objective lens or the body to the Jig so that pins of the Jig may get into two tapped holes which are under the Front Panel and that the point of the Driving Shaft may get into the guide of the Jig.

   6.4. Adjust the height of the Lever C9281 so that its flange may touch that of the cradle when the calibration of the range viewfinder is set for the infinity mark ∞.

   6.5. Turn the Lever C9281 until it comes to the stopper position following the arrow of the Locating Jig and then fix the Lever on this point with Screw S3783 x 2.

   6.6. Fix the Set Screw with special adhesive (Diabond No. 1640).

LIST OF SPECIAL SCREWDRIVERS FOR CANONET



T06A-C4021

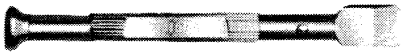
For tightening Pin Face Nut C4021

See Repair Manual p. 5.

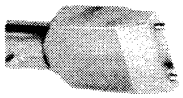
T06A-C4036

For tightening Nut C4036

See Repair Manual p. 5.



T06A-C4104



For tightening Pin Face Screw C4104

See Repair Manual p. 1.

T06A-C4180

For tightening Bearing C4180

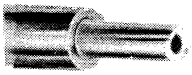
See Repair Manual p. 3.

T06A-C4181

For tightening Bearing C4181-02

See Repair Manual p. 3.

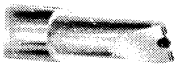
T06A-C4205



For tightening Shaft Screw C4205

See Repair Manual p. 2.

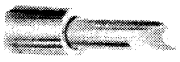
T06A-C4238



For tightening Nut C4238

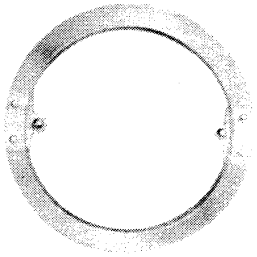
See Repair Manucl p. 7.

T06A-C4248



For tightening Nut C4248

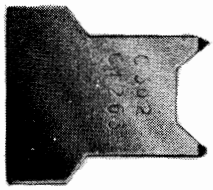
See Repair Manual p. 6.



T06A-C4261

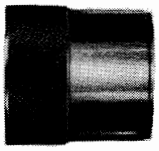
For tightening Assemble Collar C4261

See Repair Manual p. 6.



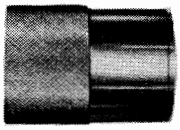
T06A-C4263

For tightening Front Lens CU086
Inner side pin face slot is used.
See *Repair Manual* p. 6.



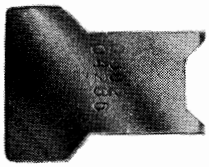
T06A-C4264

For tightening Front Lens CU086
Outer side pin face slot is uesd.
See *Repair Manual* p. 6.



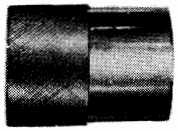
T06A-C4265

For tightening Rear Lens CU087
Outer side pin face slot is uesd.
See *Repair Manual* p. 6.



T06A-C4266

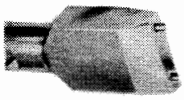
For tightening Rear Lens CU087
Inner side pin face slot is used.
See *Repair Manual* p. 6.



T06A-C4267

For tightening Collar C4267
See *Reair Manual* p. 6.

T06A-C4331



For tightening Screw C4331
See *Repair Manual* p. 3.

CANON SERVICE MATERIALS MANUAL

CANONET

(REFERENCE NO. C-30206)

CANON CAMERA COMPANY, INC.

TOKYO, JAPAN

Following service materials are provided for Canonet. Expressly for the use of the lubricating oil, charts which show the part for each oil to be used are attached.

Lubricant

Grease

Perma-Lube C-3-3 75%

Perma-Lube 3005 25%

Perma-Lube IH-1

Mil-G 3278A

Liquid-Molybdenum [Mixture of Mil-G3278A 96% MoS2 4%]

Oil

Squalol L-2

Launa

Adhesive

Diabond No. 1620

Diabond No. 1640

Pliobond

Epoxy resin

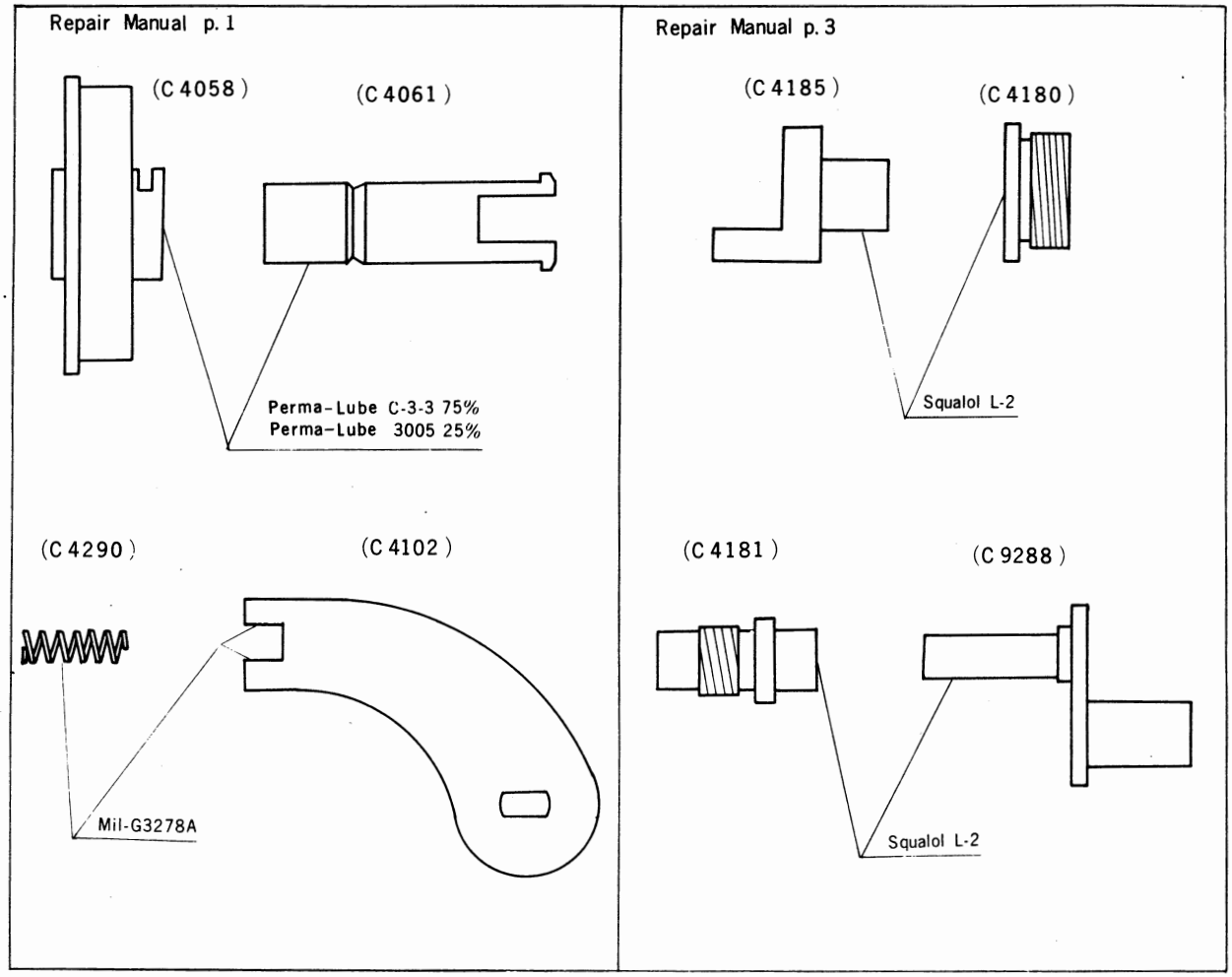
White adhesive

Paint

BL-I (Lustrous···for repair painting of the outside.)

BL-I (Lusterless···for defending the internal reflection.)

ATTACHED CHART (I)

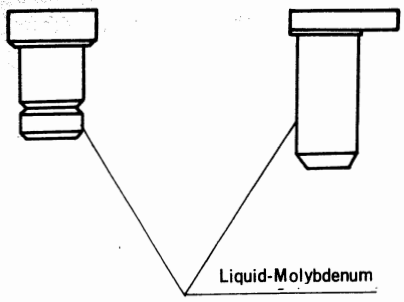


ATTACHED CHART (II)

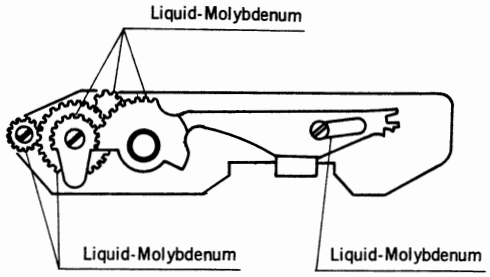
Repair Manual p. 4

(C 4091)

(C 4328)



Repair Manual p. 5



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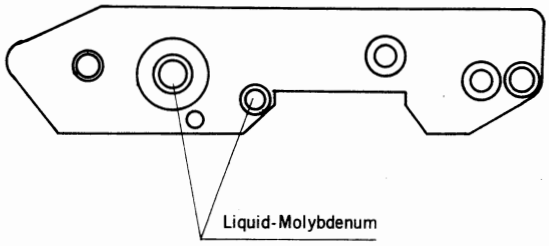
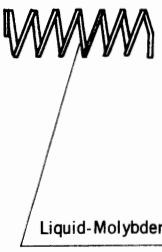
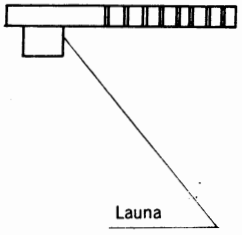


(C 4057)



(C 9263)



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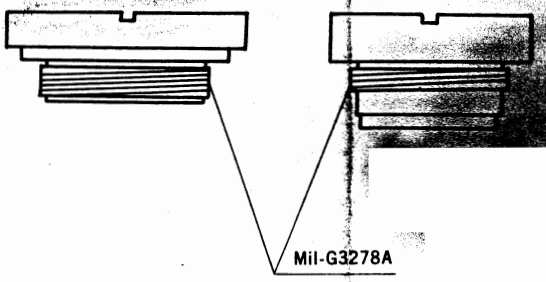
(CU 086)

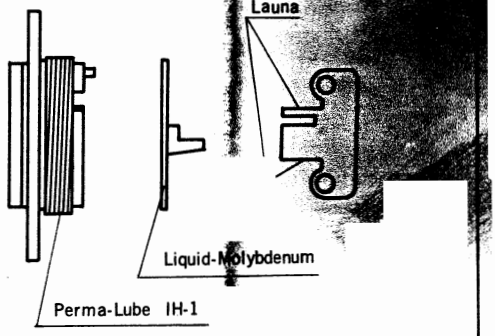
(CU 087)



(CU 068)

(C 4178)

(C 431



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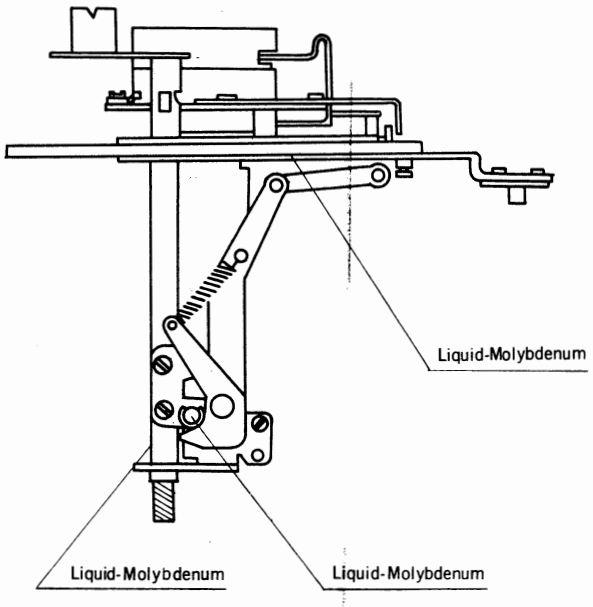
(CU 066)



CANON REPAIR MANUAL

CANON CANONET QL 17

(REF. NO. 1-30761)

CANON INC. JAPAN

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EXPLODED VIEW
of

CANON CANONET QL 17

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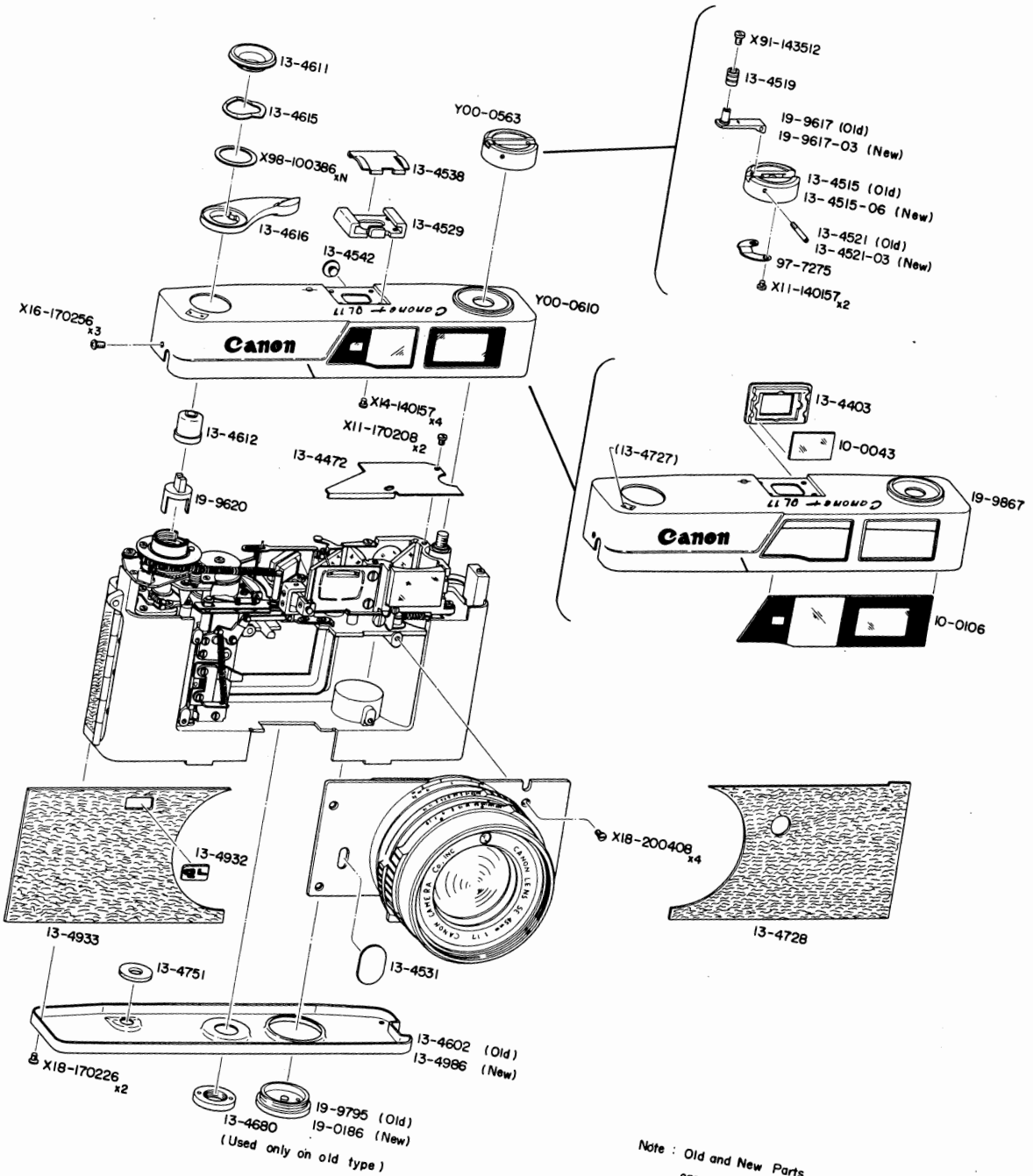


Note : Old and New Parts cannot be mixed
See Pg 5 also

SCALE 1-2.0

PARTS LIST

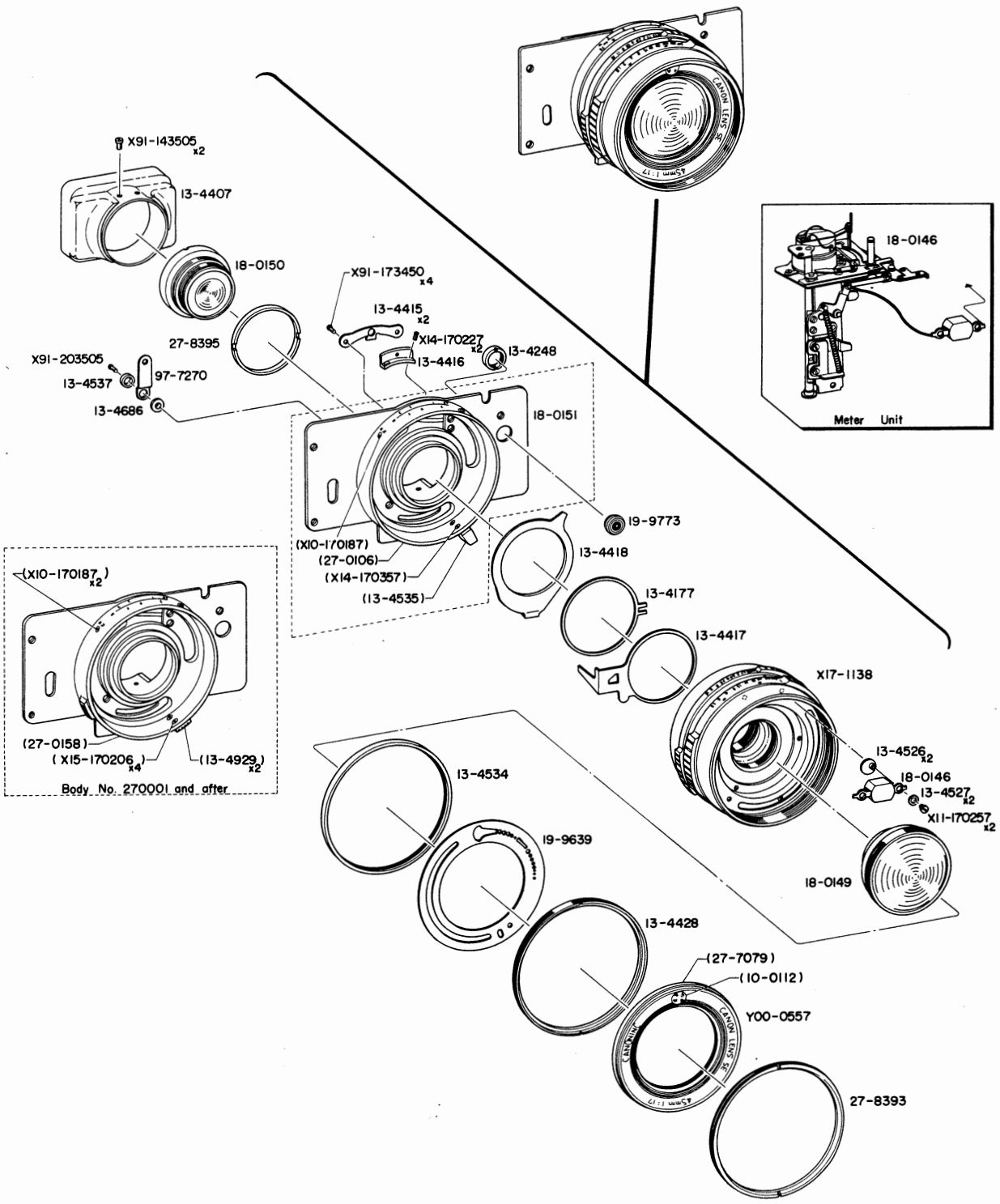
TOP COVER, BASE COVER & REWIND CRANK

上部 カバー　　下部 カバー　　巻き戻しクランク

部品名称	CLASS	PARTS NO.	QTY.	DESCRIPTION
巻き戻しクランク	C	Y00-0563	1	Rewind Crank
上部カバー	C	Y00-0610	1	Top Cover
接眼レンズ	B	10-0043	1	Eyepiece
前面ガラス	C	10-0106	1	Front Glass
接眼枠	C	13-4403	1	Eyepiece Holder
ファインダーカバー	E	13-4472	1	Finder Cover
巻き戻しつまみ	E	13-4515	1	Rewind Knob
巻き戻しつまみ	E	13-4515-06	1	Rewind Knob
つまみ	D	13-4519	1	Rewind Crank Head
クランク軸	E	13-4521	1	Pivot
クランク軸	E	13-4521-03	1	Pivot
アクセサリーシュー	B	13-4529	1	Accessory Shoe
カバー	C	13-4531	1	Cover
アクシューカバー	C	13-4538	1	Accessory Shoe Cover
キャップ	D	13-4542	1	Cap
下部カバー	D	13-4602	1	Base Cover
シャッター釦リング	D	13-4611	1	Shutter Button Guard
シャッター釦	D	13-4612	1	Shutter Button
スプリングワッシャー	D	13-4615	1	Spring Washer
巻き上げレバー	D	13-4616	1	Winding Lever
ナット	D	13-4680	1	Nut
枚数盤窓	D	13-4727	1	Counter Window
レザー	B	13-4728	1	Leather
遮光枚	D	13-4751	1	Light Shield
QLマーク	D	13-4932	1	QL Mark
レザー	B	13-4933	1	Leather
下部カバー	E	13-4986	1	Base Cover
水銀電池室ふた	C	19-0186	1	Battery Cover
巻き戻しクランク	E	19-9617	1	Rewind Crank
巻き戻しクランク	E	19-9617-03	1	Rewind Crank
シャッター釦座	D	19-9620	1	Shutter Button Base
水銀電池室ふた	C	19-9795	1	Battery Cover
上部カバー	C	19-9867	1	Top Cover
クリックスプリング	E	97-7275	1	Click Spring
平ビス		X11-140157	2	Screw
平ビス		X11-170208	2	Screw
皿ビス		X14-140157	4	Screw
十字ナベビス		X16-170256	2	Screw
十字皿ビス		X18-170226	2	Screw
十字皿ビス		X18-200408	4	Screw
平ビス		X91-143512	1	Screw
ワッシャー		X98-100386	N	Washer

EXPLODED VIEW
of

CANON CANONET QL 17



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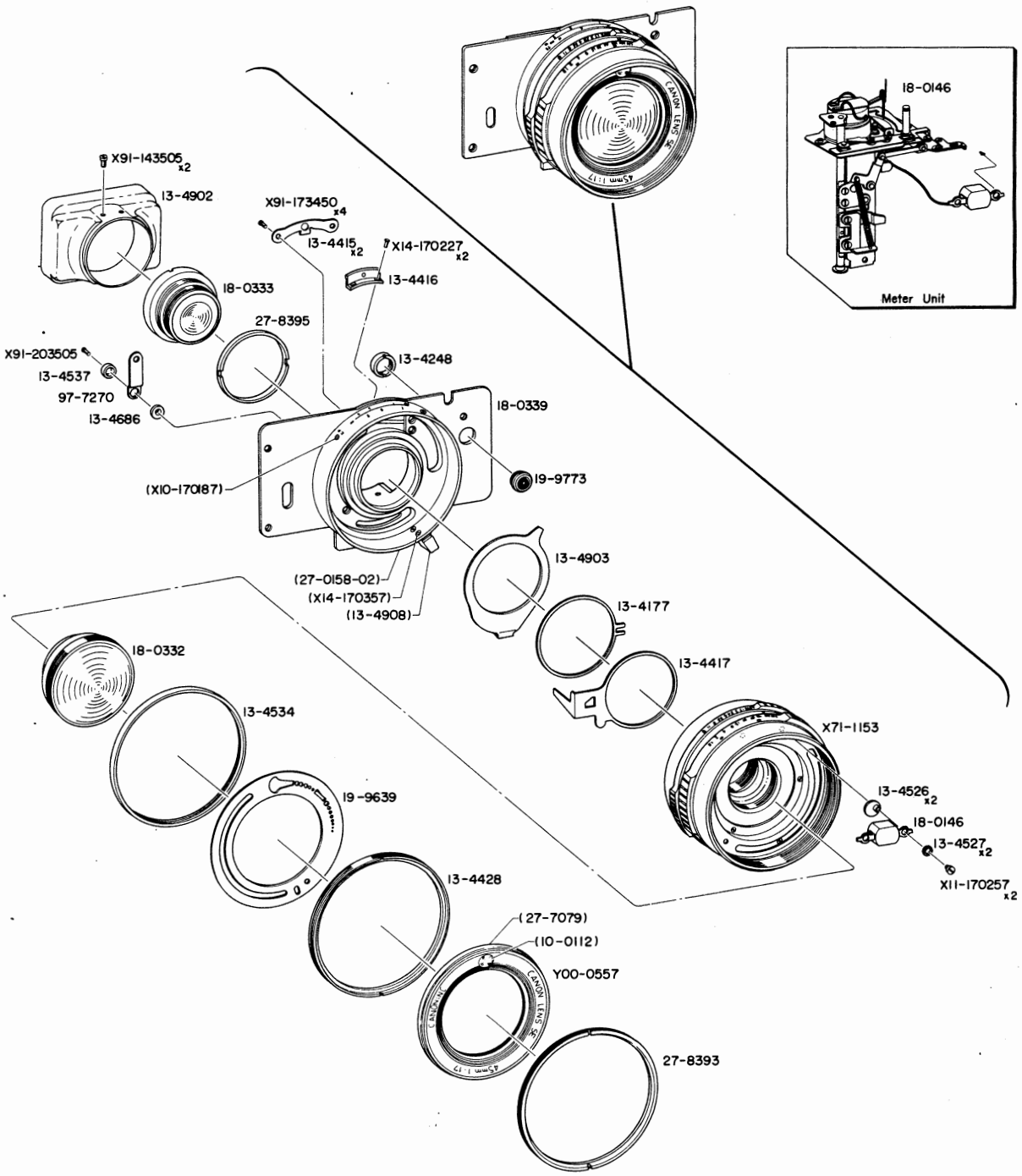
PARTS LIST

FRONT PANEL & LENS UNIT
前 板 ユニット　レンズユニット

部品名称	CLASS	PARTS NO.	QTY.	DESCRIPTION
前枠	D	Y00-0557	1	Name Ring
フレネルレンズ	E	10-0112	1	Fresnel Lens
中間リング	D	13-4177	1	Intermediate Ring
ナット	E	13-4248	1	Nut
遮光筒	D	13-4407	1	Light Shield
ヘリコイドキー	D	13-4415	2	Helicoid Key
連動たて	E	13-4416	1	Rengifinder Coupler
レリーズリング	E	13-4417	1	Shutter Release Ring
チャージリング	D	13-4418	1	Shutter Charge Ring
押え環	D	13-4428	1	Assembly Collar
絶縁板	D	13-4526	2	Insulator
絶縁板	D	13-4527	2	Insulator
スペーサー	E	13-4534	1	Spacer
距離リングつまみ	E	13-4535	1	Focusing Knob
絶縁板	D	13-4537	1	Insulator
絶縁板	D	13-4686	1	Insulator
距離リングつまみ	D	13-4929	2	Focusing Knob
メーターユニット	C	18-0146	1	Meter Unit
前玉ユニット	C	18-0149	1	Front Lens Unit
後玉ユニット	C	18-0150	1	Rear Lens Unit
前板ユニット	D	18-0151	1	Front Panel
前板ユニット	D	18-0290	1	Front Panel
絞り板	D	19-9639	1	Diaphragm Plate
フラッシュターミナル	C	19-9773	1	Flash Terminal
距離環	D	27-0106	1	Focusing Ring
距離環	E	27-0158	1	Focusing Ring
前枠	E	27-7079	1	Name Ring
押え環	E	27-8393	1	Assembly Collar
押え環	D	27-8395	1	Assembly Collar
メーター接片	E	97-7270	1	Meter Contact
止めビス		X10-170187	4	Screw
平ビス		X11-170257	2	Screw
皿ビス		X14-170227	2	Screw
皿ビス		X14-170357	2	Screw
丸皿ビス		X15-170206	1	Screw
シャッター		X71-1138	1	Shutter
平ビス		X91-143505	2	Screw
平ビス		X91-173450	4	Screw
平ビス		X91-203505	1	Screw

EXPLODED VIEW
of

CANON CANONET QL 17
Body No. 360001 and after



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PARTS LIST

FRONT PANEL & LENS UNIT

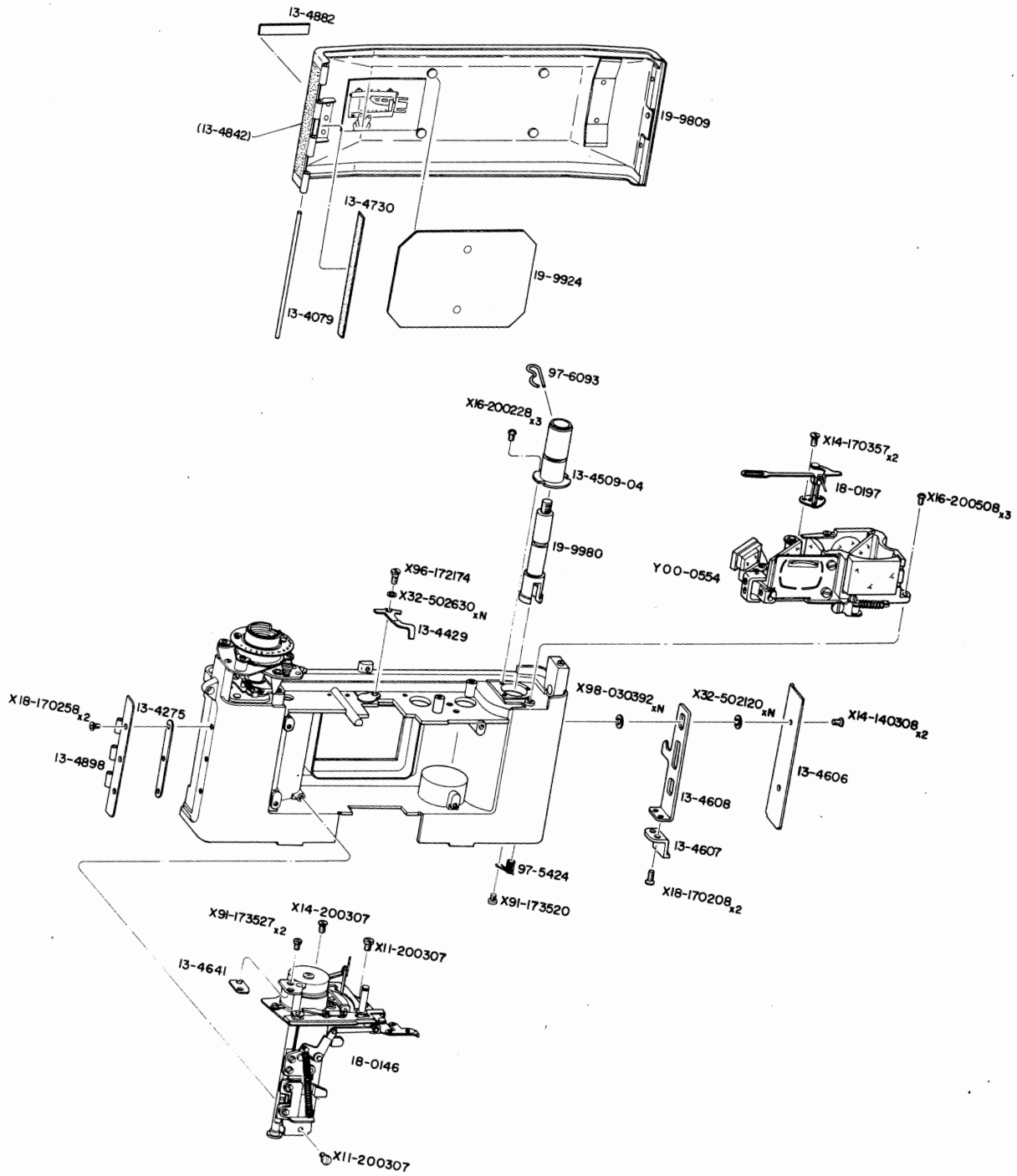
前 板 ユニット　　レンズユニット

部品名称	CLASS	PARTS NO.	QTY.	DESCRIPTION
前枠	D	Y00-0557	1	Name Ring
フレネルレンズ	E	10-0112	1	Fresnel Lens
中間リング	D	13-4177	1	Intermediate Ring
ナット	E	13-4248	1	Nut
ヘリコイドキー	D	13-4415	2	Helicoid Key
連動たて	E	13-4416	1	Rengifinder Coupler
レリーズリング	E	13-4417	1	Shutter Release Ring
押え環	D	13-4428	1	Assembly Collar
絶縁板	D	13-4526	2	Insulator
絶縁板	D	13-4527	2	Insulator
スペーサー	E	13-4534	1	Spacer
絶縁板	D	13-4537	1	Insulator
絶縁板	D	13-4686	1	Insulator
遮光筒	E	13-4902	1	Light Shield
チャージリング	E	13-4903	1	Shutter Charge Ring
距離環つまみ	E	13-4908	1	Focusing Ring Knob
メーターユニット	C	18-0146	1	Meter Unit
前玉ユニット	C	18-0332	1	Front Lens Unit
後玉ユニット	C	18-0333	1	Rear Lens Unit
前板ユニット	D	18-0339	1	Front Panel
絞り板	D	19-9639	1	Diaphragm Plate
フラッシュターミナル	C	19-9773	1	Flash Terminal
距離環	E	27-0158-02	1	Focusing Ring
前枠	E	27-7079	1	Name Ring
押え環	E	27-8393	1	Assembly Collar
押え環	D	27-8395	1	Assembly Collar
メーター接片	E	97-7270	1	Meter Contact
止めビス		X10-170187	3	Screw
平ビス		X11-170257	2	Screw
皿ビス		X14-170227	2	Screw
皿ビス		X14-170357	2	Screw
シャッター		X71-1153	1	Shutter
平ビス		X91-143505	2	Screw
平ビス		X91-173450	4	Screw
平ビス		X91-203505	1	Screw

EXPLODED VIEW
of

CANON CANONET QL 17

REF. NO. 1-30761



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PARTS LIST

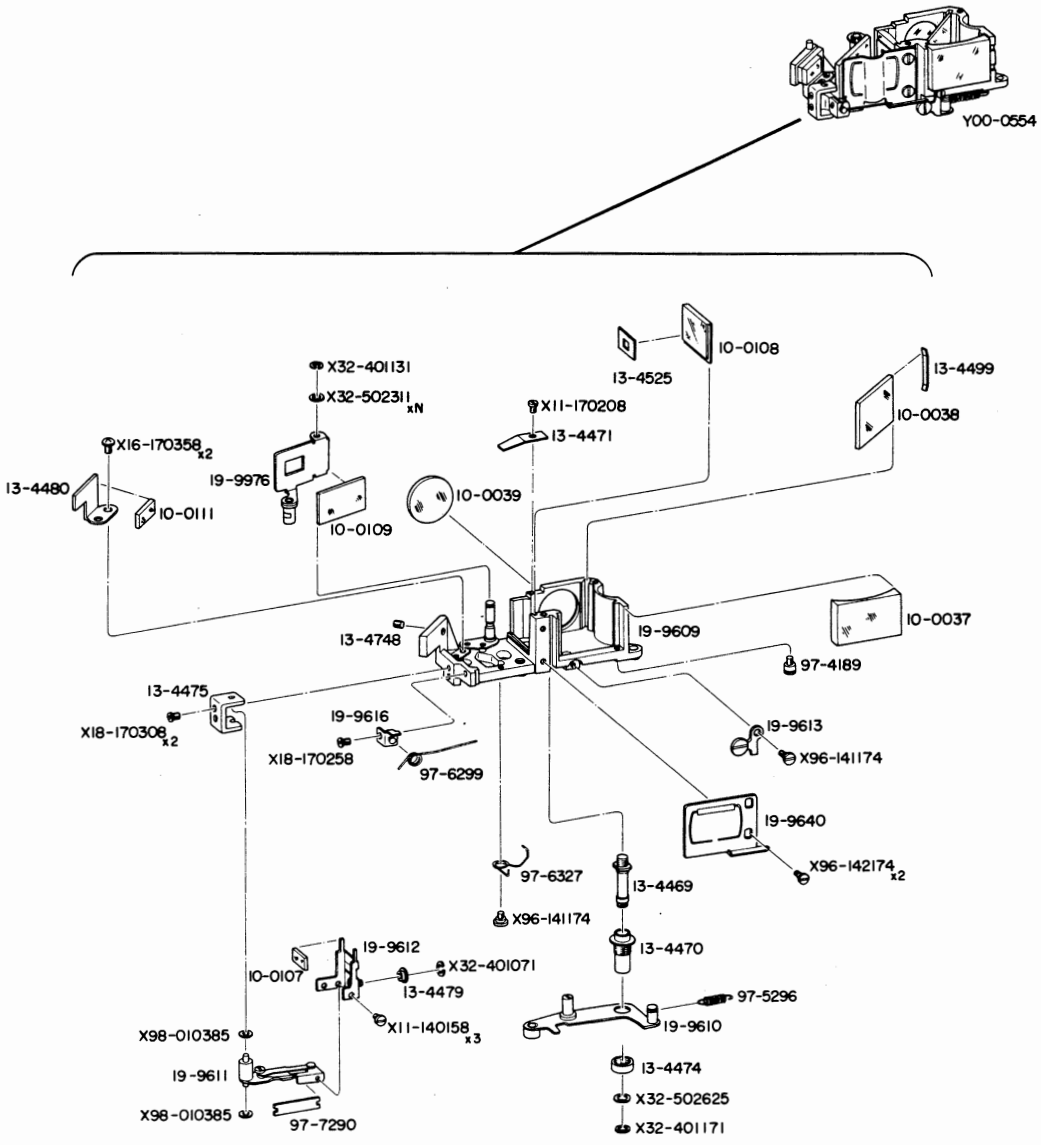
BACK COVER & METTER UNIT

裏ぶた　メーターユニット

部品名称	CLASS	PARTS NO.	QTY.	DESCRIPTION
ファインダーユニット	D	Y00-0554	1	Range Viewfinder
蝶番軸	D	13-4079	1	Shaft of Hinge
ワッシャー	E	13-4275	N	Shim
EEレバー	E	13-4429	1	EE Lever
巻き戻し軸受け	E	13-4509-04	1	Rewind Shaft Holder
開閉爪カバー	E	13-4606	1	Hook Cover
開閉爪つまみ	E	13-4607	1	Cover Opening Lever
開閉爪	E	13-4608	1	Hook
ワッシャー	D	13-4641(0.1mm) 13-4641(0.2mm)	1	Washer
遮光板	E	13-4730	1	Light Shield
レザー	E	13-4842	1	Leather
No.プレート	D	13-4882	1	Number Plate
蝶番	D	13-4898	1	Hinge
メーターユニット	C	18-0146	1	Meter Unit
ヘリコプター	D	18-0197	1	Meter Needle
裏ぶた	D	19-9809	1	Back Cover
圧着板	D	19-9924	1	Pressure Plate
巻き戻し軸	D	19-9980	1	Rewind Shaft
コイルスプリング	E	97-5424	1	Coil Spring
スプリング	D	97-6093	1	Spring
平ビス		X11-200307	2	Screw
皿ビス		X14-140308	2	Screw
皿ビス		X14-170308	2	Screw
皿ビス		X14-170357	2	Screw
皿ビス		X14-200307	1	Screw
十字ナベビス		X16-200228	3	Screw
十字ナベビス		X16-200508	3	Screw
十字皿ビス		X18-170208	2	Screw
十字皿ビス		X18-170258	3	Screw
ワッシャー		X32-502120	N	Washer
ワッシャー		X32-502630	N	Washer
平ビス		X91-172174	1	Screw
平ビス		X91-173520	1	Screw
平ビス		X91-173527	2	Screw
段ビス		X96-172174	1	Screw
ワッシャー		X98-030392 X98-030393	N	Washer

EXPLODED VIEW
of

CANON CANONET QL 17



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PARTS LIST

RANGE-VIEWFINDER

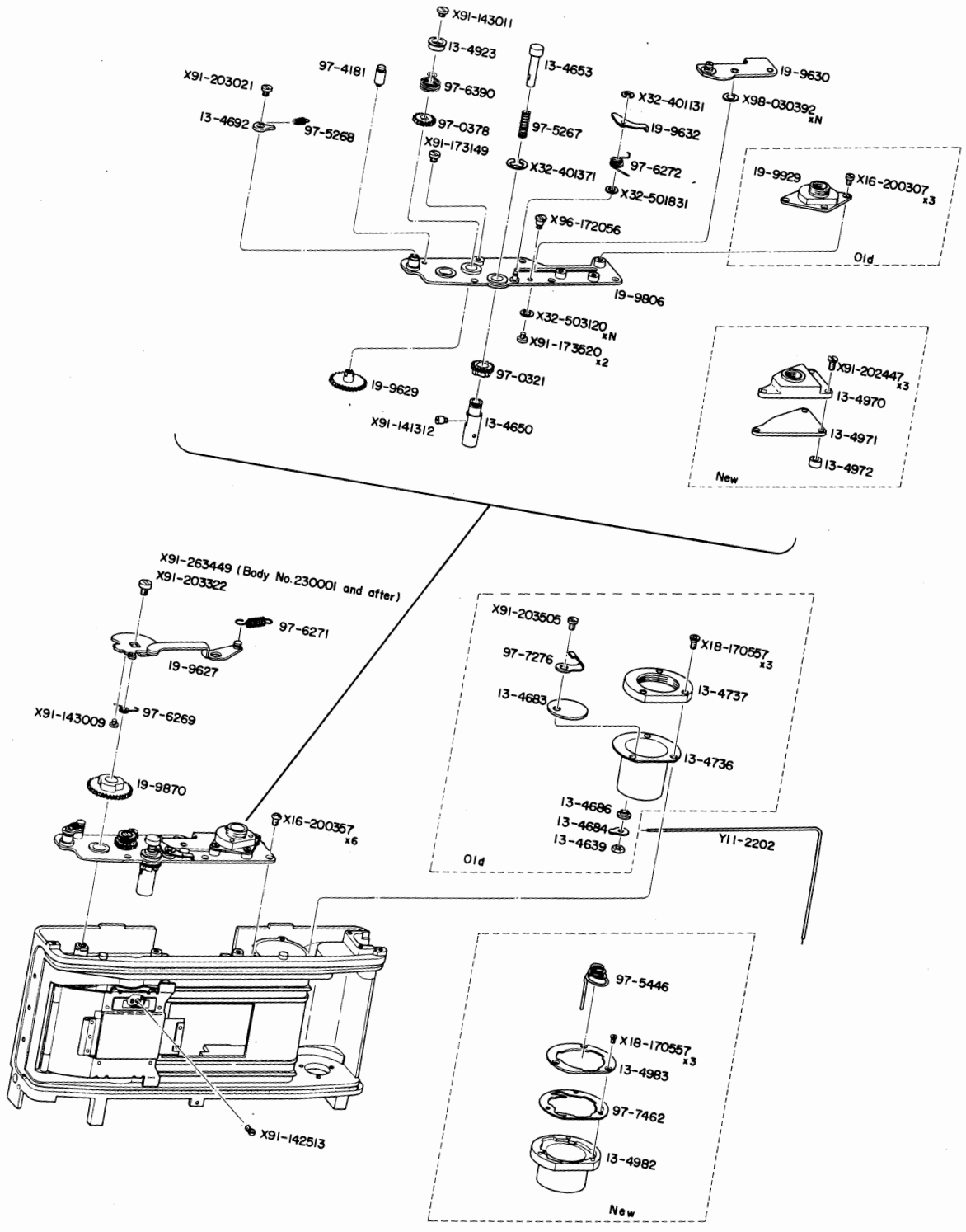
ファインダー ユニット

部品名称	CLASS	PARTS NO.	QTY.	DESCRIPTION
ファインダーユニット	D	Y00-0554	1	Range Viewfinder
対物レンズ	D	10-0037	1	Lens Element
ハーフミラー	D	10-0038	1	Half Mirror
接眼レンズ	D	10-0039	1	Lens Element
レンズ	E	10-0107	1	Lens Element
レンズ	E	10-0108	1	Lens Element
ミラー	D	10-0109	1	Mirror
ミラー	D	10-0111	1	Mirror
連動レバー軸	E	13-4469	1	Stud
スリーブ	E	13-4470	1	Sleeve
レンズ押え	E	13-4471	1	Lens Holder
ナット	E	13-4474	1	Nut
バネ板軸受	D	13-4475	1	Spring Lever Support
ローラー	E	13-4479	1	Roller
ミラーホルダー	E	13-4480	1	Mirror Holder
板バネ	E	13-4499	1	Plate Spring
マスク	E	13-4525	1	Mask
セットビス	E	13-4748	1	Screw
ファインダー地板	E	19-9609	1	Finder Base
連動レバー	E	19-9610	1	Coupling Lever
バネ板	E	19-9611	1	Spring Lever
移動板	E	19-9612	1	Shift Lever
フレーム上下レバー	E	19-9613	1	Mask Tilting Lever
マスクホルダー	E	19-9616	1	Mask Holder
ファインダーマスク	D	19-9640	1	Finder Mask
ミラー金具	E	19-9976	1	Mirror Support
バネ掛けビス	E	97-4189	1	Screw
コイルスプリング	E	97-5296	1	Coil Spring
スプリング	E	97-6299	1	Spring
スプリング	D	97-6327	1	Spring
板スプリング	E	97-7290	1	Plate Spring
平ビス		X11-140158	3	Screw
平ビス		X11-170208	1	Screw
十字ナベビス		X16-170358	2	Screw
十字皿ビス		X18-170258	1	Screw
十字皿ビス		X18-170308	1	Screw
緊定ワッシャー		X32-401071	1	Retaining Washer
緊定ワッシャー		X32-401131	1	Retaining Washer
緊定ワッシャー		X32-401171	1	Retaining Washer
ワッシャー		X32-502311	N	Washer
ワッシャー		X32-502625	1	Washer
段ビス		X96-141174	2	Screw
段ビス		X96-142174	2	Screw
ワッシャー		X98-010385	2	Washer

EXPLODED VIEW
of

CANON CANONET QL 17

REF. NO. 1-307



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PARTS LIST

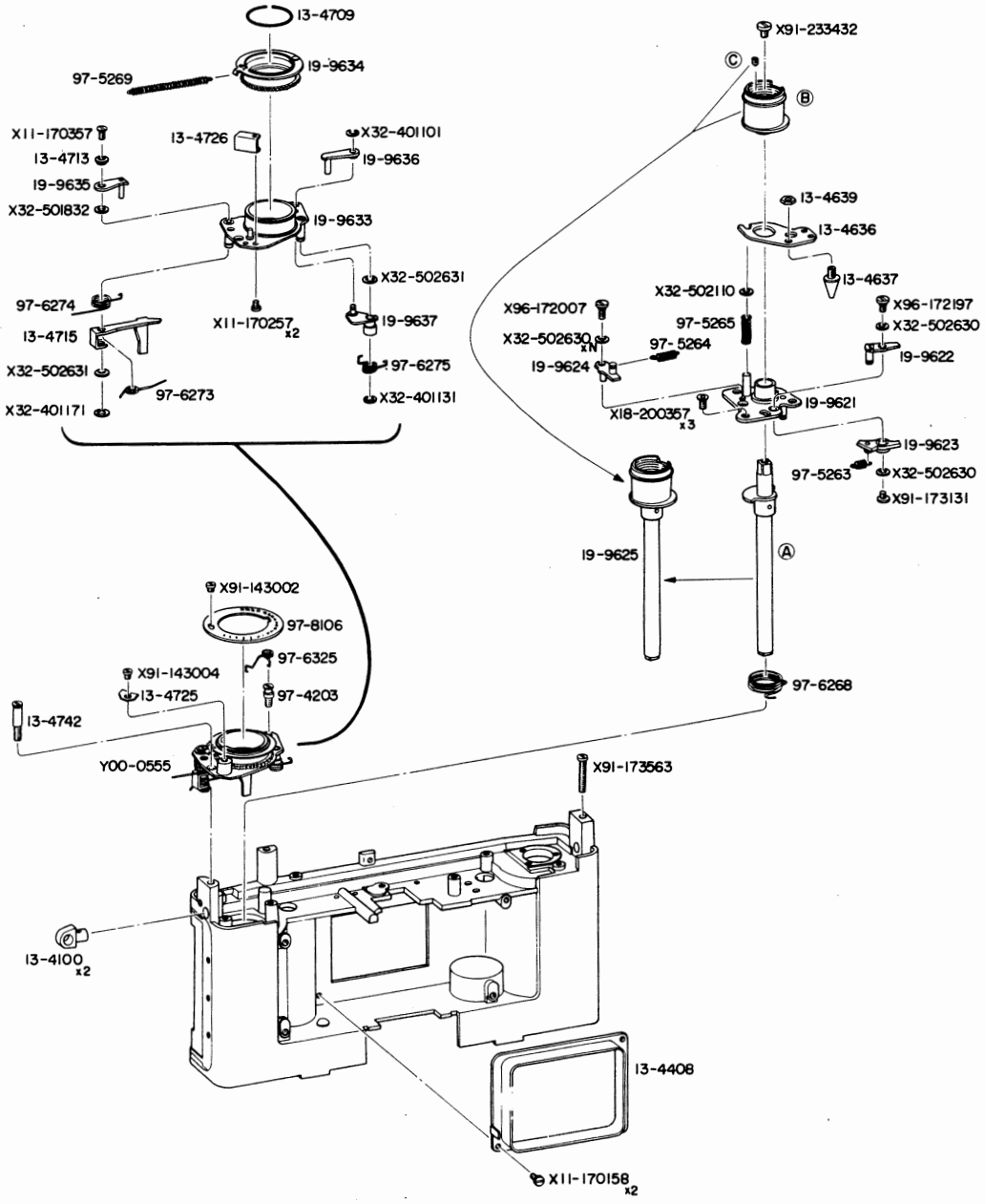
WINDING MECHANISM & BATTERY BOX

巻き上げ機構　　水銀電池室

部品名称	CLASS	PARTS NO.	QTY.	DESCRIPTION
ナット	D	13-4639	1	Nut
スプロケット軸	E	13-4650	1	Sprocket Shaft
巻き戻し釦	D	13-4653	1	Rewind Button
絶縁板	E	13-4683	1	Insulator
ラグ板	D	13-4684	1	Lug
絶縁板	D	13-4686	1	Insulator
三角爪	D	13-4692 (5.8) 13-4692 (6.0) 13-4692 (6.2)	1	Triangle Claw
水銀電池室	E	13-4736	1	Battery Box
水銀電池室押え	D	13-4737	1	Battery Box Frame
カラー	E	13-4923	1	Collar
三脚取り付けネジ	E	13-4970	1	Tripod Socket
スペーサー	E	13-4971	1	Tripod Socket Base
カラー	E	13-4972	3	Collar
水銀電池室	E	13-4982	1	Battery Box
水銀電池室押え	E	13-4983	1	Battery Box Holder
巻き上げアーム	D	19-9627	1	Winding Pawl
アイドルギヤー	D	19-9629	1	Idle Gear
チャージ板	D	19-9630	1	Shutter Charge Plate
ラチェットレバー	E	19-9632	1	Rewind Clamp Lever
巻き上げ地板	E	19-9806	1	Winding Base Plate
巻き上げギヤー	D	10-0970	1	Winding Gear
三脚取り付けネジ	D	19-9929	1	Tripod Socket
スプロケットギヤー	D	97-0321	1	Sprocket Gear
逆転防止ギヤー	E	97-0378	1	Anti-Reversing Gear
バネ掛けビス	D	97-4181	1	Screw
コイルスプリング	B	97-5267	1	Coil Spring
コイルスプリング	D	97-5268	1	Coil Spring
コイルスプリング	E	97-5446	1	Coil Spring
スプリング	D	97-6269	1	Spring
スプリング	D	97-6271	1	Spring
スプリング	D	97-6272	1	Spring
スプリング	E	97-6390	1	Spring
接片	D	97-7276	1	Contact
スプリング	E	97-7462	1	Spring
十字ナベビス		X16-200307	3	Screw
十字ナベビス		X16-200357	6	Screw
十字皿ビス		X18-170557	6	Screw
緊定ワッシャー		X32-401131	1	Retaining Washer
緊定ワッシャー		X32-401371	1	Retaining Washer
ワッシャー		X32-501831	1	Washer
ワッシャー		X32-503120	N	Washer
平ビス		X91-141312	1	Screw
平ビス		X91-142513	1	Screw
平ビス		X91-143009	1	Screw
平ビス		X91-143011	1	Screw
平ビス		X91-173149	1	Screw
平ビス		X91-173520	2	Screw
平ビス		X91-202447	3	Screw
平ビス		X91-203322	1	Screw
平ビス		X91-263449	1	Screw
段ビス		X96-172056	1	Screw
ワッシャー		X98-030392 X98-030393	N	Washer
リード線（黒）		Y11-2202	1	Lead (Black)

EXPLODED VIEW
of

CANON CANONET QL 17



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PARTS LIST

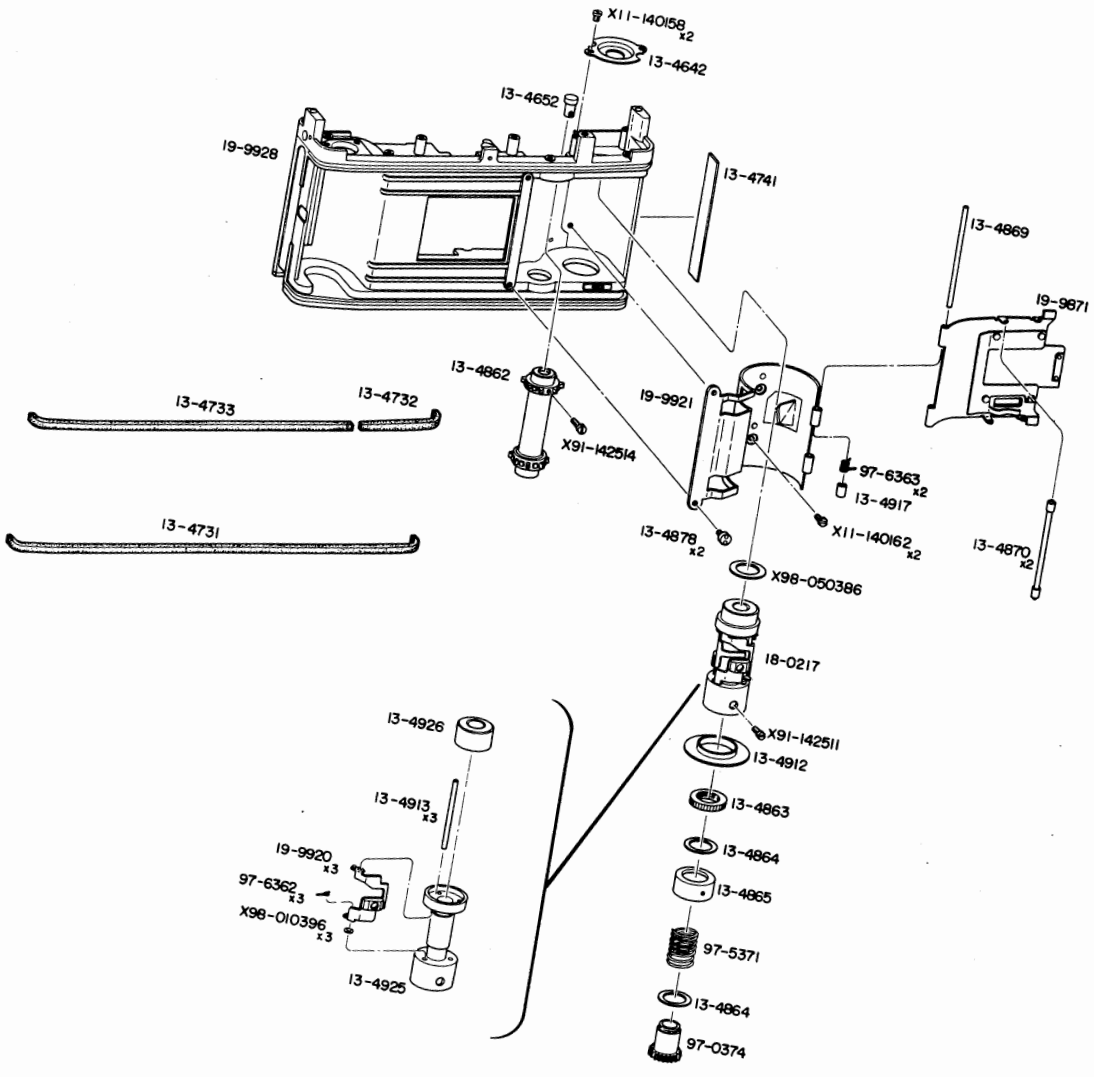
FILM COUNTER & WINDING SHAFT

枚数盤　　巻き上げ軸

部品名称	CLASS	PARTS NO.	QTY.	DESCRIPTION
枚数盤ユニット	D	Y00-0555	1	Film Counter Unit
吊環	D	13-4100	2	Neck Strap Catch
遮光板	D	13-4408	1	Light Shield
円錐板	D	13-4636	1	Shutter Release Plate
円錐	D	13-4637	1	Cone
ナット	D	13-4639	1	Nut
リテイナー	E	13-4709	1	Retainer
偏芯カラー	E	13-4713	1	Eccentric Collar
リセットレバー	E	13-4715	1	Resetting Lever
指標	E	13-4725	1	Counter Index
指標座	E	13-4726	1	Counter Index Base
ビス	D	13-4742	1	Screw
巻き上げ地板	D	19-9621	1	Winding Base
安全爪 1	D	19-9622	1	Safety Pawl - 1
安全爪 2	D	19-9623	1	Safety Pawl - 2
安全爪 3	D	19-9624	1	Safety Pawl - 3
巻き上げ軸	D	19-9625	1	Winding Shaft
枚数盤地板	E	19-9633	1	Counter Base
枚数盤ギヤー	E	19-9634	1	Counter Gear
ストップ爪	E	19-9635	1	Stopper Claw
送り爪	E	19-9636	1	Feeding Claw
送り爪カム	E	19-9637	1	Feeding Cam
バネ掛けビス	D	97-4203	1	Screw
コイルスプリング	D	97-5263	1	Coil Spring
コイルスプリング	D	97-5264	1	Coil Spring
コイルスプリング	D	97-5265	1	Coil Spring
コイルスプリング	D	97-5269	1	Coil Spring
スプリング	D	97-6268	1	Spring
スプリング	E	97-6273	1	Spring
スプリング	E	97-6274	1	Spring
スプリング	E	97-6275	1	Spring
スプリング	D	97-6325	1	Spring
枚数盤	D	97-8106	1	Film Counter
平ビス		X11-170158	2	Screw
平ビス		X11-170257	2	Screw
平ビス		X11-170357	1	Screw
十字皿ビス		X18-200357	3	Screw
緊定ワッシャー		X32-401101	1	Retaining Washer
緊定ワッシャー		X32-401131	1	Retaining Washer
緊定ワッシャー		X32-401171	1	Retaining Washer
ワッシャー		X32-501832	1	Washer
ワッシャー		X32-502110	1	Washer
ワッシャー		X32-502630	N	Washer
ワッシャー		X32-502631	N	Washer
平ビス		X91-143002	1	Screw
平ビス		X91-143004	1	Screw
平ビス		X91-173131	1	Screw
平ビス		X91-173563	1	Screw
平ビス		X91-233432	1	Screw
段ビス		X96-172007	1	Screw
段ビス		X96-172197	1	Screw

EXPLODED VIEW
of
CANON CANONET QL 17

REF. NO. 1-30761



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PARTS LIST

TAKE UP SPOOL & BODY
巻き取り　スプール　本体

部品名称	CLASS	PARTS NO.	QTY.	DESCRIPTION
遮光板	E	13-4642	1	Light Shield
スプロケット頭	D	13-4652	1	Sprocket Head
遮光板	D	13-4731	1	Light Shield
遮光板	E	13-4732	1	Light Shield
遮光板	D	13-4733	1	Light Shield
遮光板	D	13-4741	1	Light Shield
スプロケット	D	13-4862	1	Sprocket
ナット	E	13-4863	1	Nut
ファイバー	E	13-4864	2	Fiber
スプリングカバー	E	13-4865	1	Spring Cover
蝶番軸	D	13-4869	1	Shaft of Hinge
ローラー	D	13-4870	2	Anti-Curl Roller
カニ目ビス	D	13-4878	2	Pin Face Screw
スプールフランジ	E	13-4912	1	Spool Flange
水かき軸	E	13-4913	3	Shaft
カラー	E	13-4917	1	Collar
巻き取り軸	E	13-4925	1	Take Up Spool
キャップ	E	13-4926	1	Spool Cap
スプールユニット	D	18-0217	1	Take Up Spool
中ぶた	D	19-9871	1	Inner Cover
水かき	E	19-9920	3	Friction Rubber
スプロケットカバー	E	19-9921	1	Sprocket Cover
本体	E	19-9928	1	Body
スプールギヤ	E	97-0374	1	Spool Gear
コイルスプリング	E	97-5371	1	Coil Spring
スプリング	E	97-6362	3	Spring
スプリング	E	97-6363	2	Ssring
平ビス		X11-140158	2	Screw
平ビス		X11-140162	2	Screw
平ビス		X91-142511	1	Screw
平ビス		X91-142514	1	Screw
ワッシャー		X98-010396	3	Washer
ワッシャー		X98-050386	N	Washer

REF. NO. 1-30761

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CANON REPAIR MANUAL

SHUTTER for CANONET QL 17

(Start on the body numeber 360000 and after)

(REF. NO. 1-30761)

CANON CAMERA CO., INC.

TOKYO, JAPAN

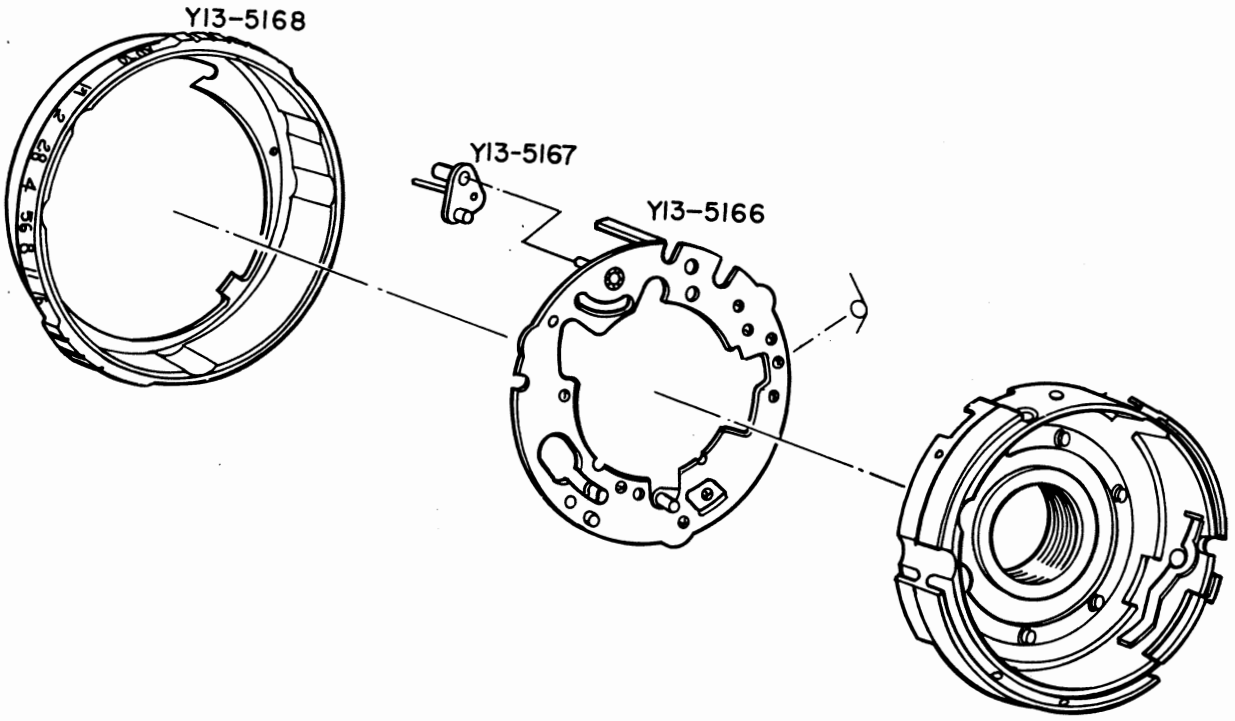
REF. NO. 1-30761

EXPLODED VIEW

of

SHUTTER for CANONET QL 17

(Start on the body numeber 360000 and after)



NO SCALE

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PARTS LIST

Y13-5166	Rear Cover Plate
Y13-5167	Automatic Diaphragm Lever
Y13-5168	Aperture Scale Ring

CANON REPAIR MANUAL

EXPOSURE METER & SHUTTER

for

CANONET QL 1.7
(REFERENCE NO. 1-30761)

CANONET QL 1.9
(REFERENCE NO. 1-30771)

CANONET QL 2.5
(REFERENCE NO. 1-30781)

CANON CAMERA COMPANY INC.
TOKYO, JAPAN

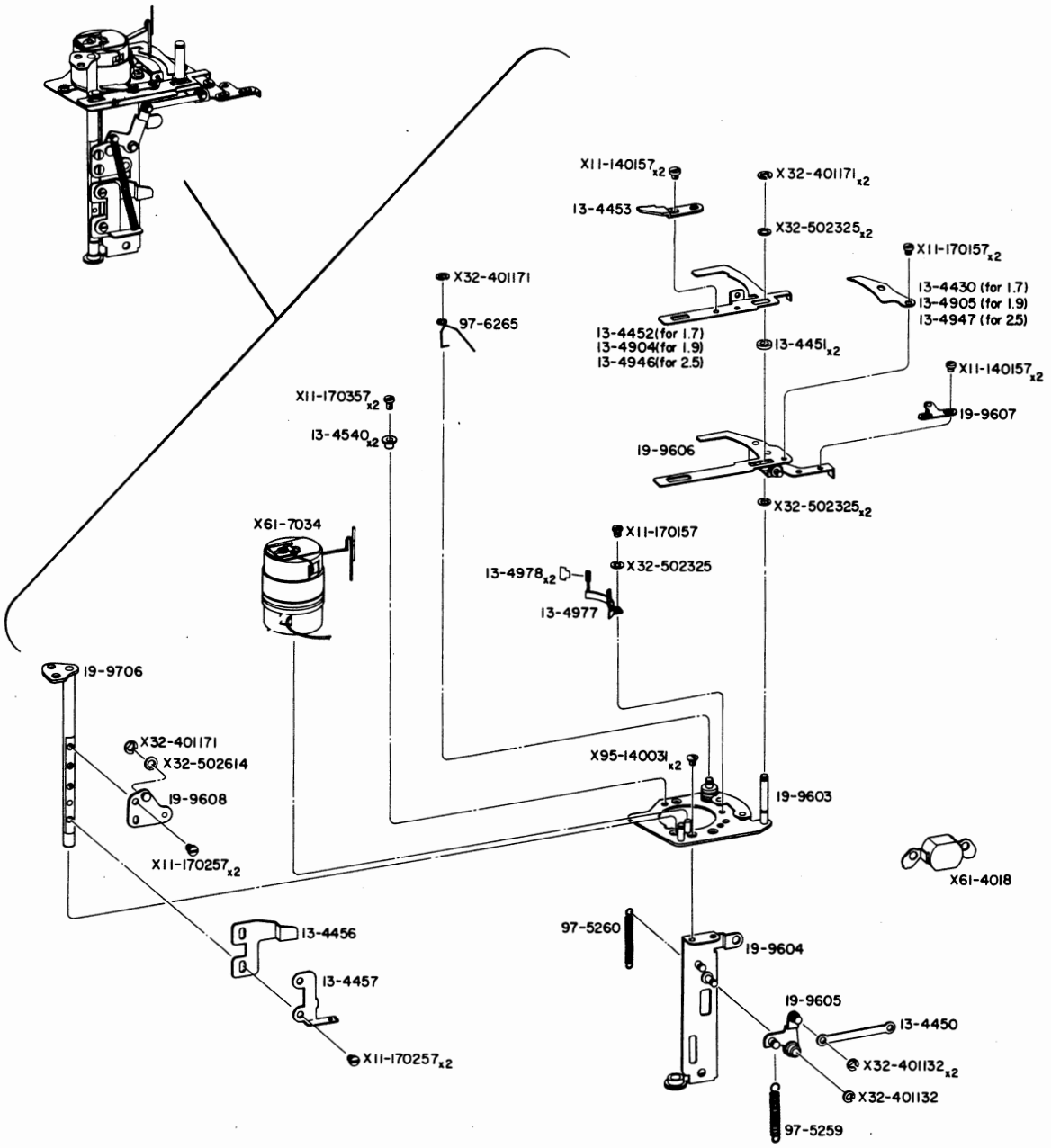
1

REF. NO. 1-30761
REF. NO. 1-30771
REF. NO. 1-30781

EXPLODED VIEW

of

EXPOSURE METER for CANONET QL 1.7, 1.9, 2.5



SCALE 1-1.5

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REF. NO. 1-30761
REF. NO. 1-30771
REF. NO. 1-30781

PARTS LIST

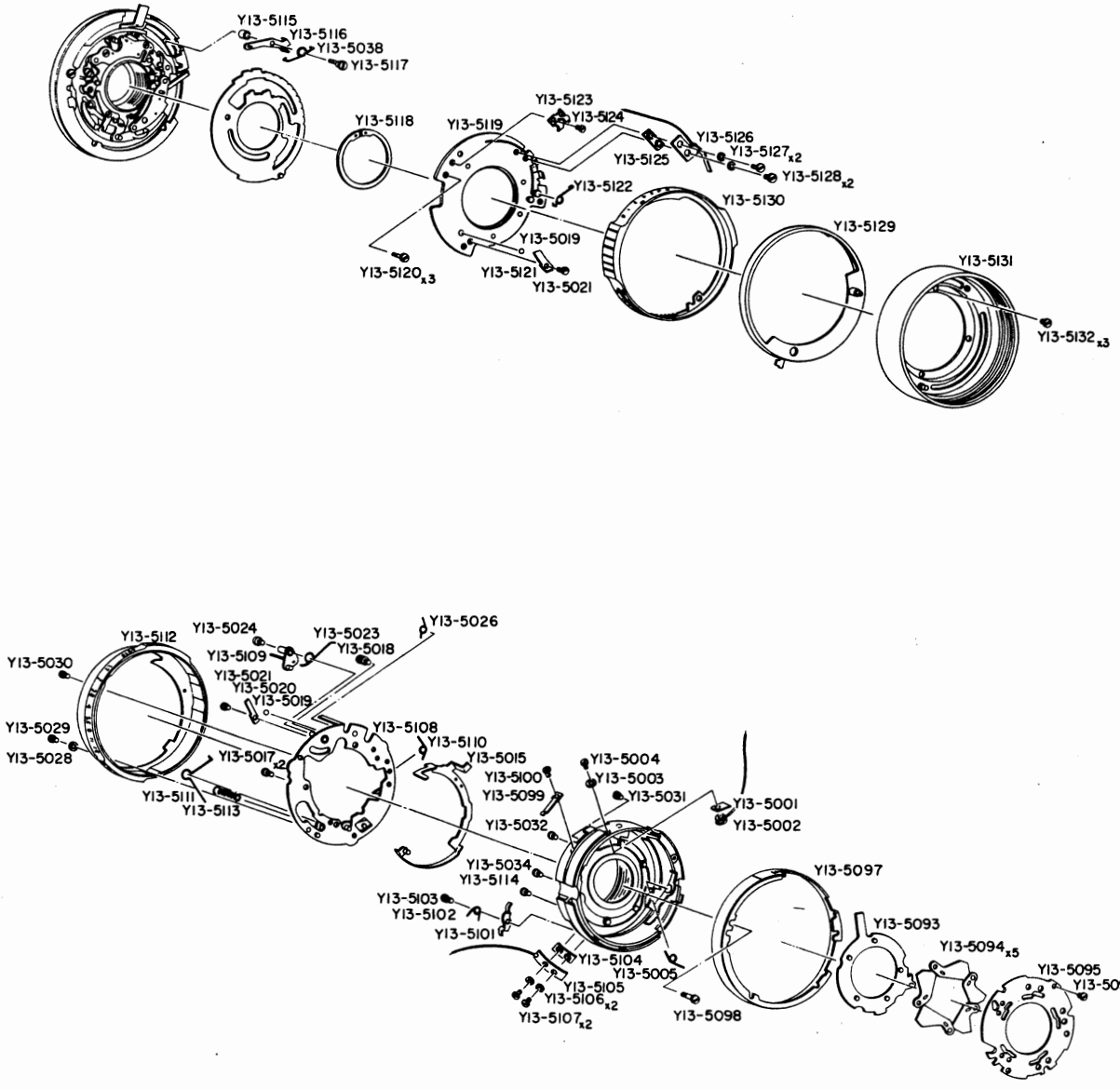
13-4430	Meter Cam (for 1.7)
13-4450	Connecting Rod
13-4451	Collar x 2
13-4452	Clamp (for 1.7)
13-4453	Shutter Stopper
13-4456	Release Plate
13-4457	Spring Hanger
13-4540	Meter Holder
13-4904	Clamp (for 1.9)
13-4905	Meter Cam (for 1.9)
13-4946	Clamp (for 2.5)
13-4947	Meter Cam (for 2.5)
13-4977	Needle Stopper Holder
13-4978	Needle Stopper x 2
19-9603	Meter Base (B.P.)
19-9604	Meter Front Panel (B.P.)
19-9605	Diaphragm Lever (B.P.)
19-9606	Slide Lever (B.P.)
19-9607	Diaphragm Pin (B.P.)
19-9608	Shutter Shaft Guide (B.P.)
19-9706	Shutter Shaft (B.P.)
97-5259	Coil Spring
97-5260	Coil Spring
97-6265	Spring
X11-140157	Screw x 4
X11-170157	Screw x 3
X11-170257	Screw x 4
X11-170357	Screw x 2
X32-401132	Retaining Washer x 3
X32-401171	Retaining Washer x 4
X32-502325	Washer x 5
X32-502614	Washer
X61-4018	CdS
X61-7034	Galvanometer
X95-140031	Screw x 2

REF. NO. 1-30761

EXPLODED VIEW

of

SHUTTER for CANONET QL 1.7



NO SCALE

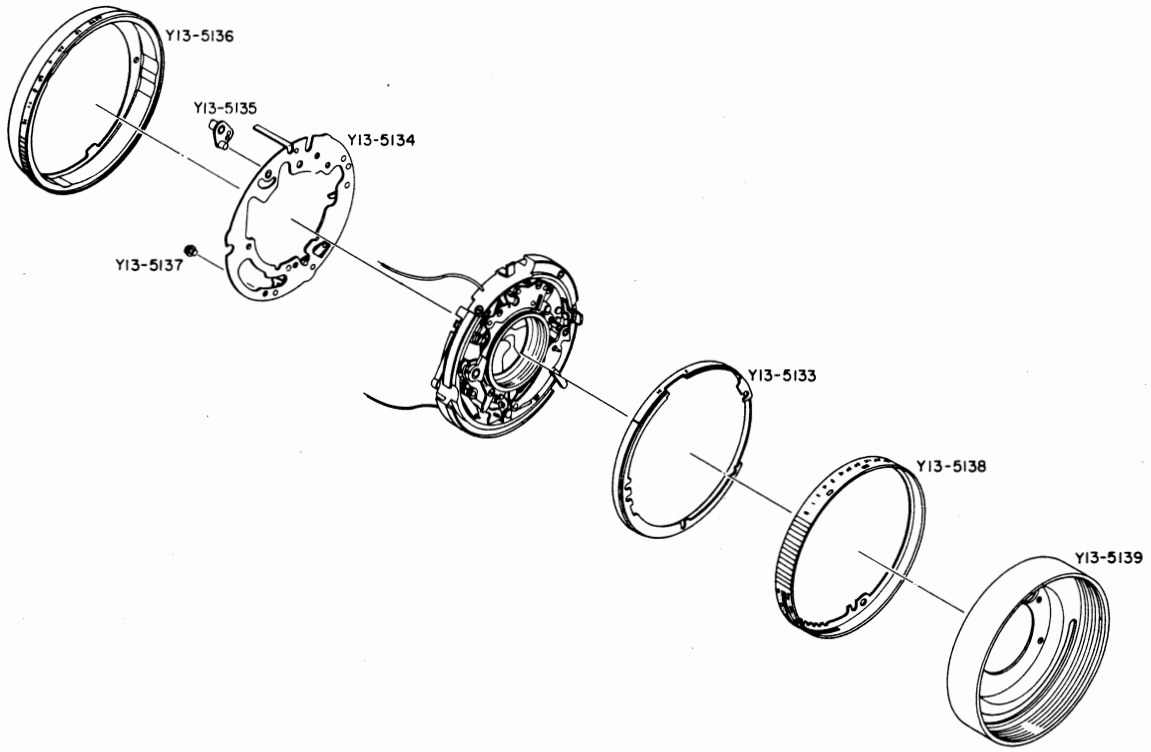
CANON CAMERA CO., INC. ©

PARTS LIST

Y13-5001	Insulator Sheet
Y13-5002	Flash Lead Wire
Y13-5003	Insulator Bush
Y13-5004	Screw
Y13-5005	Spring
Y13-5015	Contact Change Ring
Y13-5017	Screw x 2
Y13-5018	Screw
Y13-5019	Steel Ball x 2
Y13-5020	Click Spring x 2
Y13-5021	Screw
Y13-5023	Spring
Y13-5024	Screw
Y13-5026	Spring
Y13-5028	Washer
Y13-5029	Screw
Y13-5030(1.8)	Adjusting Screw
Y13-5030(1.9)	Such number(1.8),(1.9) and(2.6)indicate diameter of Adjusting Screw. There are some 9 kind of screw begins with diameter 1.8ϕ increase 0.1ϕ each ends 2.6ϕ (Unit:ϕ)
Y13-5030(2.5)	
Y13-5030(2.6)	
Y13-5031	Screw
Y13-5032	Screw
Y13-5034	Screw
Y13-5038	Spring
Y13-5093	Diaphragm Control Ring
Y13-5094	Diaphragm Blade x 5
Y13-5095	Shutter Blade Retaining Plate
Y13-5096	Screw
Y13-5097	Marking Ring
Y13-5098	Screw
Y13-5099	Click Plate
Y13-5100	Screw
Y13-5101	Contact
Y13-5102	Spring
Y13-5103	Screw
Y13-5104	Insulator
Y13-5105	Contact
Y13-5106	Insulator x 2
Y13-5107	Screw x 2
Y13-5108	Rear Cover Plate
Y13-5109	Automatic Diaphragm Lever
Y13-5110	Spring
Y13-5111	Spring
Y13-5112	Aperture Scale Ring
Y13-5113	Spring
Y13-5114	Screw
Y13-5115	Spacer
Y13-5116	Lock Lever
Y13-5117	Screw
Y13-5118	Snap Ring
Y13-5119	Front Panel
Y13-5120	Screw x 3
Y13-5121	Click Plate
Y13-5122	Spring
Y13-5123	Lead Wire Holder
Y13-5124	Screw
Y13-5125	Insulator
Y13-5126	Contact
Y13-5127	Insulator x 2
Y13-5128	Screw x 2
Y13-5129	ASA Cam Ring
Y13-5130	Shutter Speed Ring
Y13-5131	Hood Ring
Y13-5132	Screw x 3

REF. NO. 1-30771

EXPLODED VIEW
of
SHUTTER for CANONET QL 1.9



SCALE 1-1.3

CANON CAMERA CO., INC. ©

PARTS LIST

Y13-5133	Marking Ring
Y13-5134	Rear Cover Plate
Y13-5135	Automatic Diaphragm Lever
Y13-5136	Aperture Scale Ring
Y13-5137	Screw
Y13-5138	Shutter Speed Ring
Y13-5139	Hood Ring

REF. NO. 1-30761
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REF. NO. 1-30781

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CANON REPAIR MANUAL

CANON CANONET QL 19

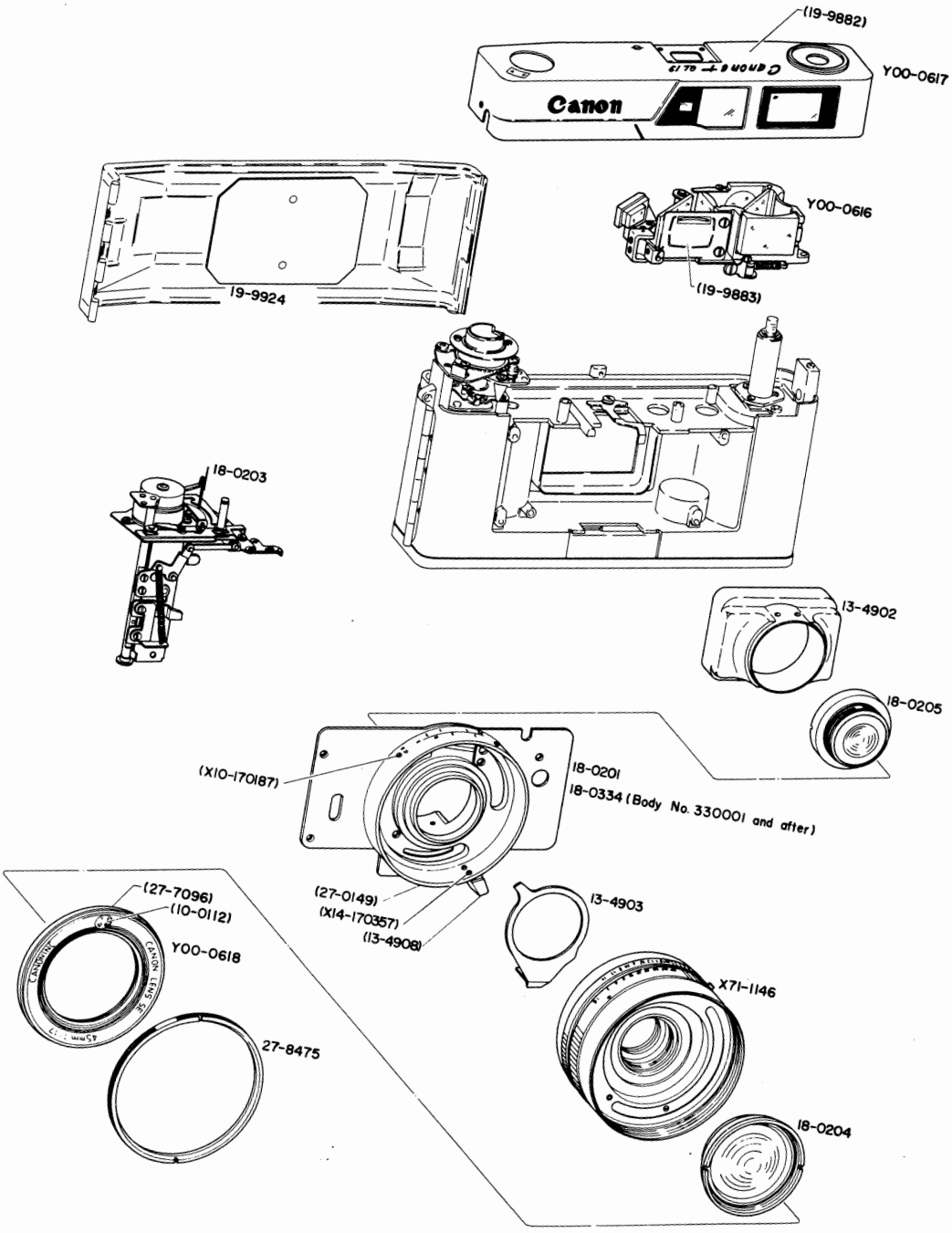
(REF. NO. 1-30771)

CANON INC. JAPAN

EXPLODED VIEW
of

CANON CANONET QL 19

REF. NO. 1-30771



SCALE 1-2.0

REF. NO. 1-30771

Canonet QL 19 is absolutely the same product in mechanism as Canonet QL17 is, we therefore picked up only parts which are used in the Canonet QL19 for this repair manual. The rest of the parts as Canonet QL19's, incase if necessary, refer to the repair manual of Canonet QL 17.

PARTS LIST

部品名称	CLASS	PARTS NO.	QTY.	DESCRIPTION
ファインダーユニット	D	Y00-0616	1	Range Viewfinder
上部カバー	C	Y00-0617	1	Top Cover Unit
前枠	D	Y00-0618	1	Name Ring
フレネルレンズ	E	10-0112	1	Fresnel Lens
遮光筒	E	13-4902	1	Light Shield
チャージリング	E	13-4903	1	Shutter Charge Ring
距離環つまみ	E	13-4908	1	Focusing Knob
前板ユニット	D	18-0201	1	Front Panel
メーターユニット	C	18-0203	1	Meter Unit
前玉ユニット	C	18-0204	1	Front Lens Unit
後玉ユニット	C	18-0205	1	Rear Lens Unit
前板ユニット	D	18-0334	1	Front Panel
上部カバー	C	19-9882	1	Top Cover
マスク	D	19-9883	1	Finder Mask
圧着板	D	19-9924	1	Pressure Plate
距離環	E	27-0149	1	Focusing Ring
前枠	E	27-7096	1	Name Ring
押え環	D	27-8475	1	Assembly Collar
止めビス		X10-170187	3	Screw
皿ビス		X14-170357	2	Screw
シャッター		X71-1146	1	Shutter

First Printing, April 1965

Revised Printing, May 1971

CANON REPAIR MANUAL

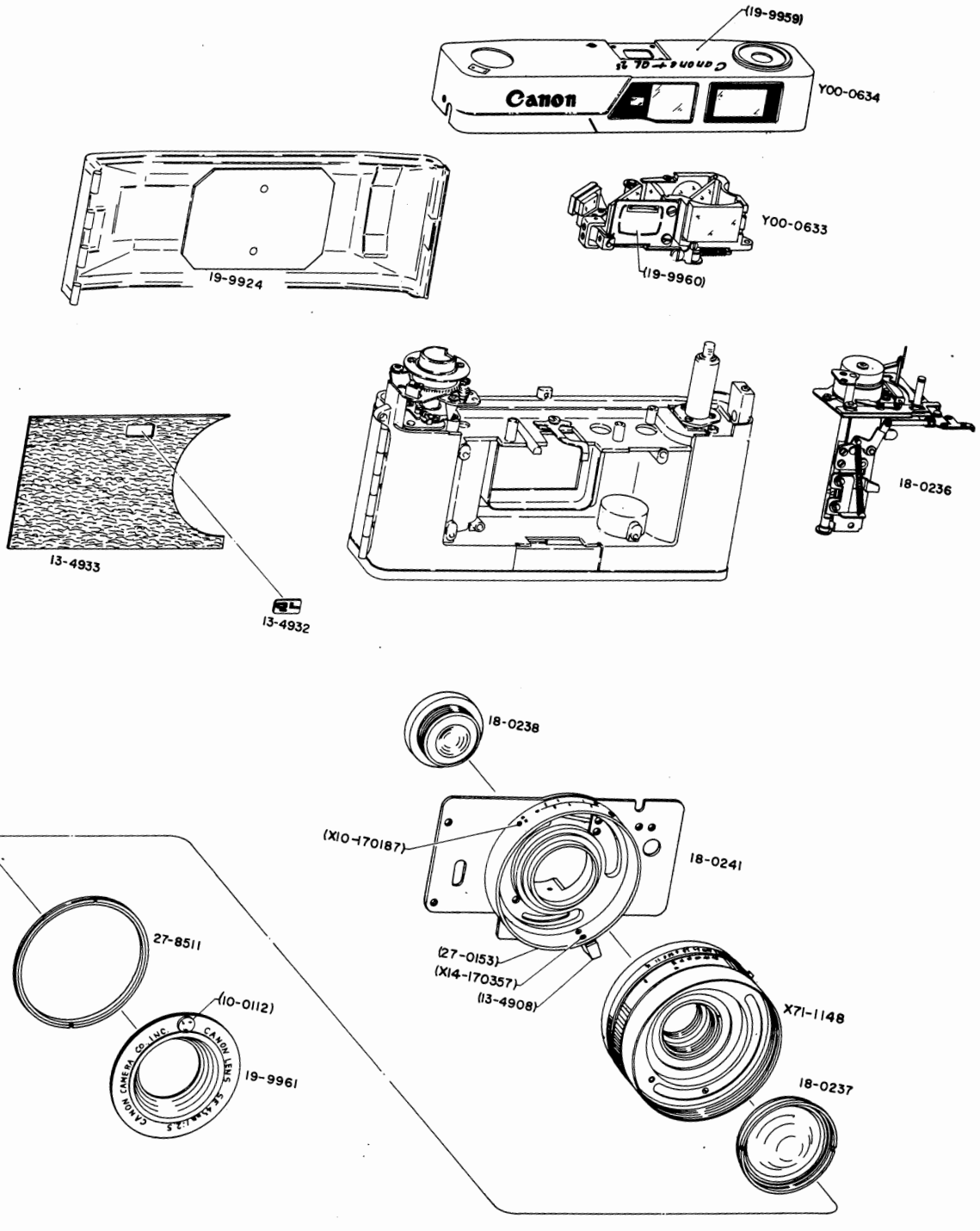
CANON CANONET QL 25

(REFERENCE NO. 1-30781)

CANON CAMERA COMPANY, INC,
TOKYO, JAPAN

EXPLODED VIEW
of
CANON CANONET QL 25

REF. NO. 1-30781



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REF. NO. 1-30781

Canonet QL 25 is absolutely the same product in mechanism as Canonet QL 17 is, we therefor picked up only parts which are used in the Canonet QL 25 for this repair manual. The rest of the parts as Canonet QL 25's, in case if necessary, refer to the repair manual of Canonet QL 17 (1-30761).

PARTS LIST

Y00-0633 Range-Viewfinder(Unit)
19-9960 Finder Mask(B.P.)
Y00-0634 Top Cover(B.P.)
n. b. The parts number for Bell & Howell Co. is Y00-0636
19-9959 Top Cover(B.P.)
n. b. The parts number for Bell & Howell Co. is 19-9962
13-4932 Name Plate
13-4933 Leather
18-0236 Exposure Meter(Unit)
18-0237 Front Lens(Unit)
18-0238 Rear Lens(Unit)
18-0241 Front Panel(Unit)
13-4908 Focusing Knob
27-0153 Focusing Ring
19-9924 Prssure Plate(B.P.)
19-9961 Name Ring(B.P.)
X71-1148 Shutter Unit

n. b. Reference number of Canonet QL 25 for Bell & Howell Co. is 1-30783.

First Printing June 1965

CANON REPAIR MANUAL

SHUTTER for CANONET QL 25

(REF. NO. 1-30781)

CANON CAMERA CO., INC.

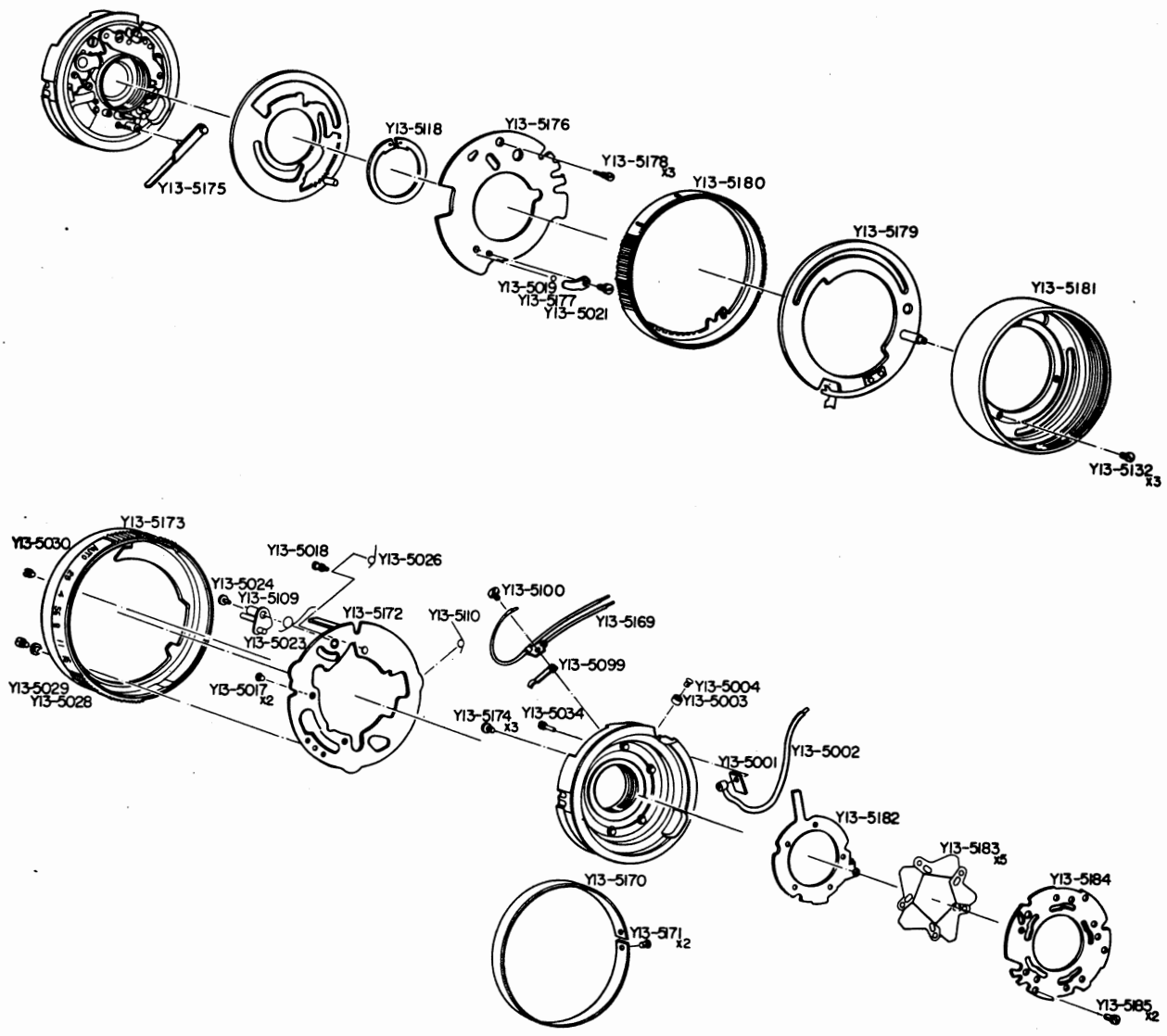
TOKYO, JAPAN

REF. NO. 1-30781

EXPLODED VIEW

of

SHUTTER for CANONET QL 25



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PARTS LIST

Y13-5001	Insulator Sheet
Y13-5002	Flash Lead Wire
Y13-5003	Insulator Bush
Y13-5004	Screw
Y13-5017	Screw x 2
Y13-5018	Screw
Y13-5019	Steel Ball x 2
Y13-5021	Screw
Y13-5023	Spring
Y13-5024	Screw
Y13-5026	Spring
Y13-5028	Washer
Y13-5029	Screw
Y13-5030(1.8) Y13-5030(1.9) ⋮ Y13-5030(2.5) Y13-5030(2.6)	Adjusting Screw Such number (1.8), (1.9) and (2.6) indicate diameter of Adjusting Screw. There are some 9 kind of screw begins with diameter 1.8ϕ increase 0.1ϕ each ends 2.6ϕ (Unit : ϕ)
Y13-5034	Screw
Y13-5099	Click Plate
Y13-5100	Screw
Y13-5109	Automatic Diaphragm Lever
Y13-5110	Spring
Y13-5118	Snap Ring
Y13-5132	Screw x 3
Y13-5169	Contact
Y13-5170	Marking Plate
Y13-5171	Screw x 2
Y13-5172	Rear Cover Plate
Y13-5173	Aperture Scale Ring
Y13-5174	Screw x 3
Y13-5175	Click Spring
Y13-5176	Front Panel
Y13-5177	Click Spring
Y13-5178	Screw x 3
Y13-5179	Film Speed Cam Ring
Y13-5180	Shutter Speed Ring
Y13-5181	Hood Ring
Y13-5182	Diaphragm Control Ring
Y13-5183	Diaphragm Blade x 5
Y13-5184	Shutter Blade Retaining Plate
Y13-5185	Screw x 2

CANON REPAIR MANUAL

CANON NEW CANONET QL 17

(REF. NO. 1-30801)

CANON INC. JAPAN

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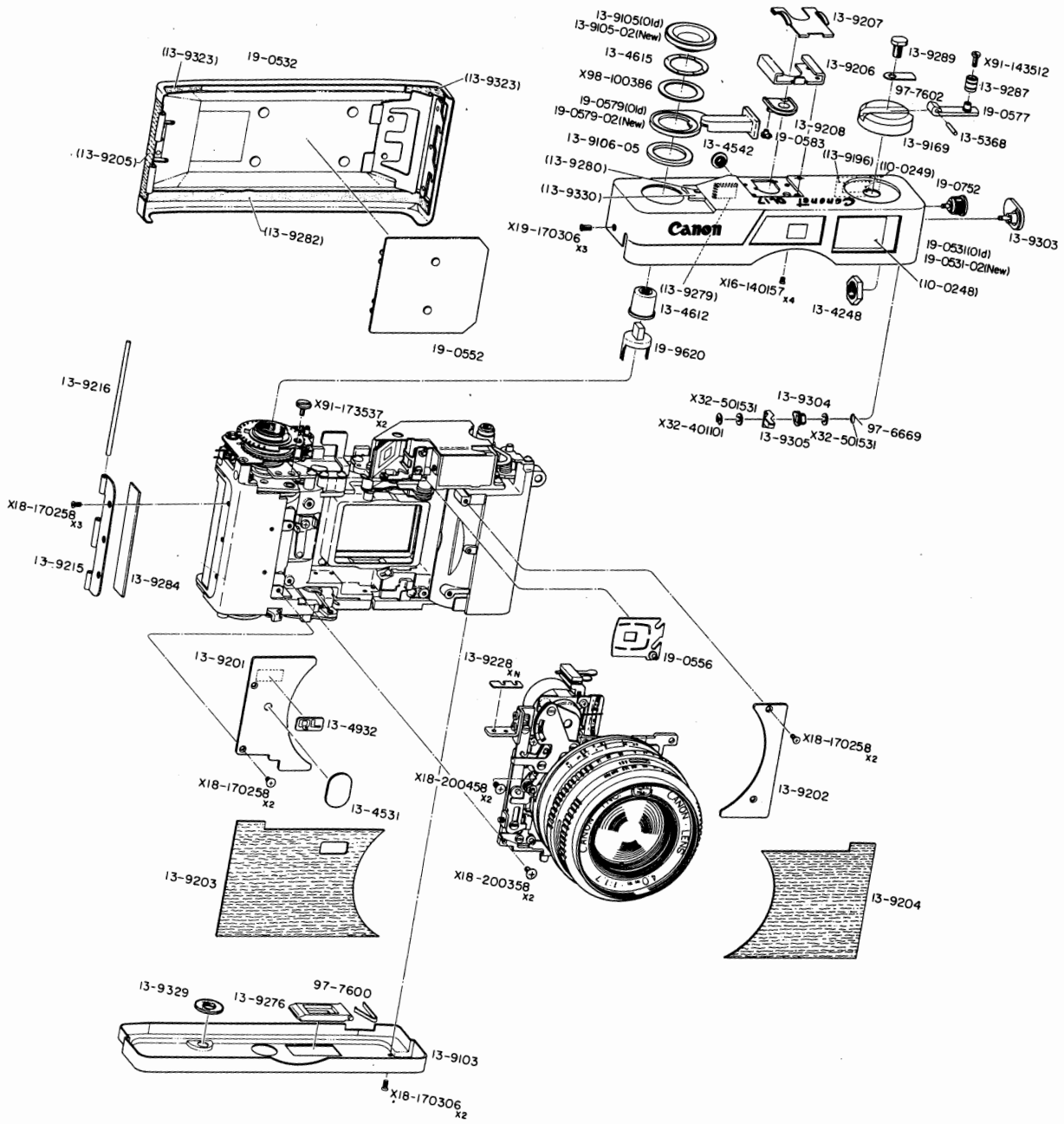
EXPLODED VIEW
of

CANON NEW CANONET QL 17

REF. NO. 1-30801



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REF. NO. 1-30801

PARTS LIST

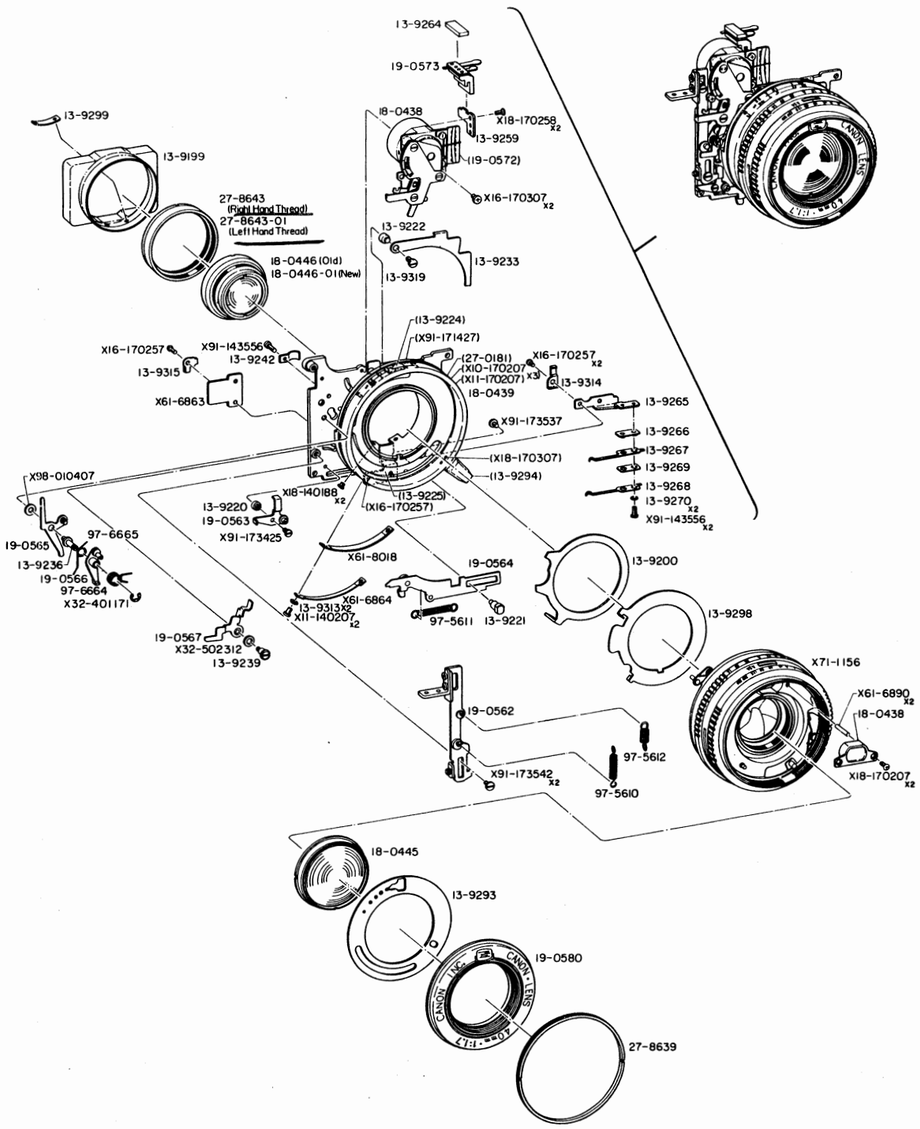
TOP COVER & BASE COVER & BACK COVER

上部カバー　　下部カバー　　裏ぶた

部品名称	CLASS	PARTS NO.	QTY.	DESCRIPTION
前面ガラス	B	10-0248	1	Front Glass
接眼レンズ	B	10-0249	1	Eyepiece Lens
ナット	E	13-4248	1	Nut
キャップ	C	13-4531	1	Cap
キャップ	D	13-4542	1	Cap
シャッターボタン	D	13-4612	1	Shutter Button
ワッシャー	D	13-4615	1	Washer
QLマーク	D	13-4932	1	QL Mark
ピン	C	13-5368	1	Pin
下部カバー	C	13-9103	1	Base Cover
ボタンリング	C	13-9105	1	Shutter Button Guard
ワッシャー	D	13-9106	1	Washer
巻戻しノブ	C	13-9169	1	Rewind Knob
接眼レンズ枠	C	13-9196	1	Eyepiece Lens Frame
前カバー	C	13-9201	1	Front Cover
前カバー	C	13-9202	1	Front Cover
レザー	A	13-9203	1	Leather
レザー	A	13-9204	1	Leather
レザー	B	13-9205	1	Leather
アクセサリーシュー	B	13-9206	1	Accessory Shoe
アクセサリーシュカバー	B	13-9207	1	Accessory Shoe Cover
直結シンクロターミナル	C	13-9208	1	Connect Flash Terminal
蝶番	D	13-9215	1	Hinge
蝶番軸	D	13-9216	1	Shaft of Hinge
調整ワッシャー ( )内の数字は厚さを示す。 (単位：mm)	A	13-9228 (0.2) 13-9228 (0.3)	N	Adjusting Washer Parenthesized numbers indicate thickness (Unit: mm)
水銀電池ぶた	C	13-9276	1	Battery Cover
フイルム送り指標窓	C	13-9279	1	Film Feed Index Window
カウンター窓	C	13-9280	1	Counter Window
モルトプレーン	C	13-9282	1	Light Shield
テレンプ	D	13-9284	1	Light Shield
クランク座	C	13-9287	1	Rewind Crank Head
ビス	C	13-9289	1	Screw
シンクロターミナルカバー	C	13-9303	1	Flash Terminal Cover
カム	C	13-9304	1	Cam
接片	C	13-9305	1	Contact
モルトプレーン	E	13-9323	2	Light Shield
モルトプレーン	C	13-9329	1	Light Shield
カウンター窓枠	D	13-9330	1	Counter Window Frame
上部カバー	C	19-0531	1	Top Cover
裏ぶた	D	19-0532	1	Back Cover
圧板	C	19-0552	1	Pressure Plate
ファインダーマスク	C	19-0556	1	Finder Mask
巻戻しクランク	D	19-0577	1	Rewind Crank
巻上げレバー	C	19-0579	1	Winding Lever
接片	D	19-0583	1	Contact
シンクロターミナル	D	19-0752	1	Flash Terminal
シャッターボタン座	D	19-9620	1	Shutter Button Base
スプリング	D	97-6669	1	Spring
板スプリング	D	97-7600	1	Plate Spring
板スプリング	D	97-7602	1	Plate Spring
十字ナベビス		X16-140157	4	Screw
十字皿ビス		X18-170258	7	Screw
十字皿ビス		X18-170306	2	Screw
十字皿ビス		X18-200358	2	Screw
十字皿ビス		X18-200458	2	Screw
十字丸皿ビス		X19-170306	3	Screw
緊定ワッシャー		X32-401101	1	Retaining Washer
ワッシャー		X32-501531	2	Washer
平ビス		X91-143512	1	Screw
平ビス		X91-173537	2	Screw
ワッシャー		X98-100386	1	Washer

EXPLODED VIEW
of

CANON NEW CANONET QL 17



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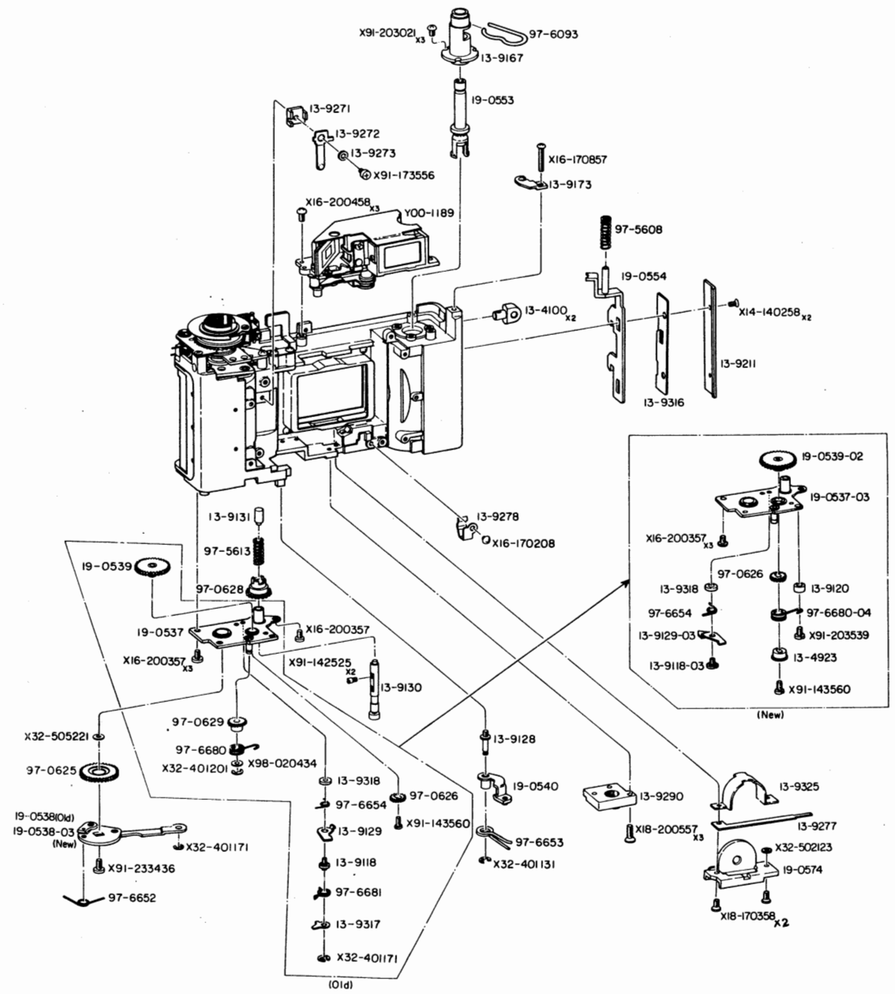
PARTS LIST

FRONT PANEL & LENS UNIT & SHUTTER
前　板　　レンズユニット　　シャッター

部品名称	CLASS	PARTS NO.	QTY.	DESCRIPTION
遮光筒	D	13-9199	1	Light Shield
チャージリング	C	13-9200	1	Charge Ring
カラー	D	13-9220	1	Collar
ナット	D	13-9221	1	Nut
カラー	D	13-9222	1	Collar
直進キー	C	13-9224	1	Key
直進キー	E	13-9225	1	Key
パララックス調整レバー	E	13-9233	1	Parallax Adjusting Cover
ロックレバー軸	D	13-9236	1	Shaft
レリーズレバー軸	D	13-9239	1	Shaft
コード押え	D	13-9242	1	Cord Holder
接片支持板	D	13-9259	1	Contact Supporter
モルトプレーン	C	13-9264	1	Contact Holder
接片ホルダー	E	13-9265	1	Contact Holder
接片地板	D	13-9266	1	Contact Base
接片	D	13-9267	1	Contact
接片	D	13-9268	1	Contact
絶縁板	D	13-9269	1	Insulator
絶縁板	D	13-9270	2	Insulator
絞り板	D	13-9293	1	Diaphragm Plate
距離つまみ	E	13-9294	1	Facusing Knob
チャージリング座	E	13-9298	1	Intermediate Ring
ナット	C	13-9299	1	Nut
ワッシャー	C	13-9313	2	Washer
コード押え	D	13-9314	1	Cord Holder
コード押え	D	13-9315	1	Cord Holder
ビス	C	13-9319	1	Screw
メーターユニット	C	18-0438	1	Exposure Meter Unit
前板ユニット	D	18-0439	1	Front Panel Unit
前玉ユニット	C	18-0445	1	Front Lens Unit
後玉ユニット	C	18-0446	1	Rear Lens Unit
シャッターレリーズレバー	D	19-0562	1	Shutter Release Lever
巻止め外し	D	19-0563	1	Stopper Remove Lever
シャッターチャージレバー	D	19-0564	1	Shutter Charge Lever
巻止め外し	D	19-0565	1	Stopper Remove Lever
シャッターロックレバー	D	19-0566	1	Shutter Lock Lever
シャッターチャージレバー	D	19-0567	1	Shutter Release Lever
絞り目盛板	D	19-0572	1	Aperture Scale Plate
接片	D	19-0573	1	Contact
ネーム環	C	19-0580	1	Name Ring
距離環	E	27-0181	1	Focusing Ring
押え環	D	27-8639	1	Assembly Collar
押え環	D	27-8643	1	Assembly Collar
コイルスプリング	D	97-5610	1	Coil Spring
コイルスプリング	D	97-5611	1	Coil Spring
コイルスプリング	D	97-5612	1	Coil Spring
スプリング	D	97-6664	1	Spring
スプリング	D	97-6665	1	Spring
止めビス		X10-170207	3	Screw
平ビス		X11-140207	2	Screw
平ビス		X11-170207	1	Screw
十字ナベビス		X16-170257	4	Screw
十字ナベビス		X16-170307	2	Screw
十字皿ビス		X18-140188	2	Screw
十字皿ビス		X18-170207	2	Screw
十字皿ビス		X18-170258	2	Screw
十字皿ビス		X18-170307	1	Screw
緊定ワッシャー		X32-401171	1	Retaining Washer
ワッシャー		X32-502312	1	Washer
プリント板	E	X61-6863	1	Print Circuit Plate
プリント板	E	X61-6864	1	Print Circuit Plate
ビニールチューブ	E	X61-6890	2	Vynil Tube
カーボン抵抗	E	X61-8018	1	Resistor
シャッター	C	X71-1156	1	Shutter
平ビス		X91-143556	3	Screw
平ビス		X91-171427	1	Screw
平ビス		X91-173425	1	Screw
平ビス		X91-173537	1	Screw
平ビス		X91-173542	2	Screw
ワッシャー		X98-010407	1	Washer

EXPLODED VIEW
of

CANON NEW CANONET QL 17



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PARTS LIST

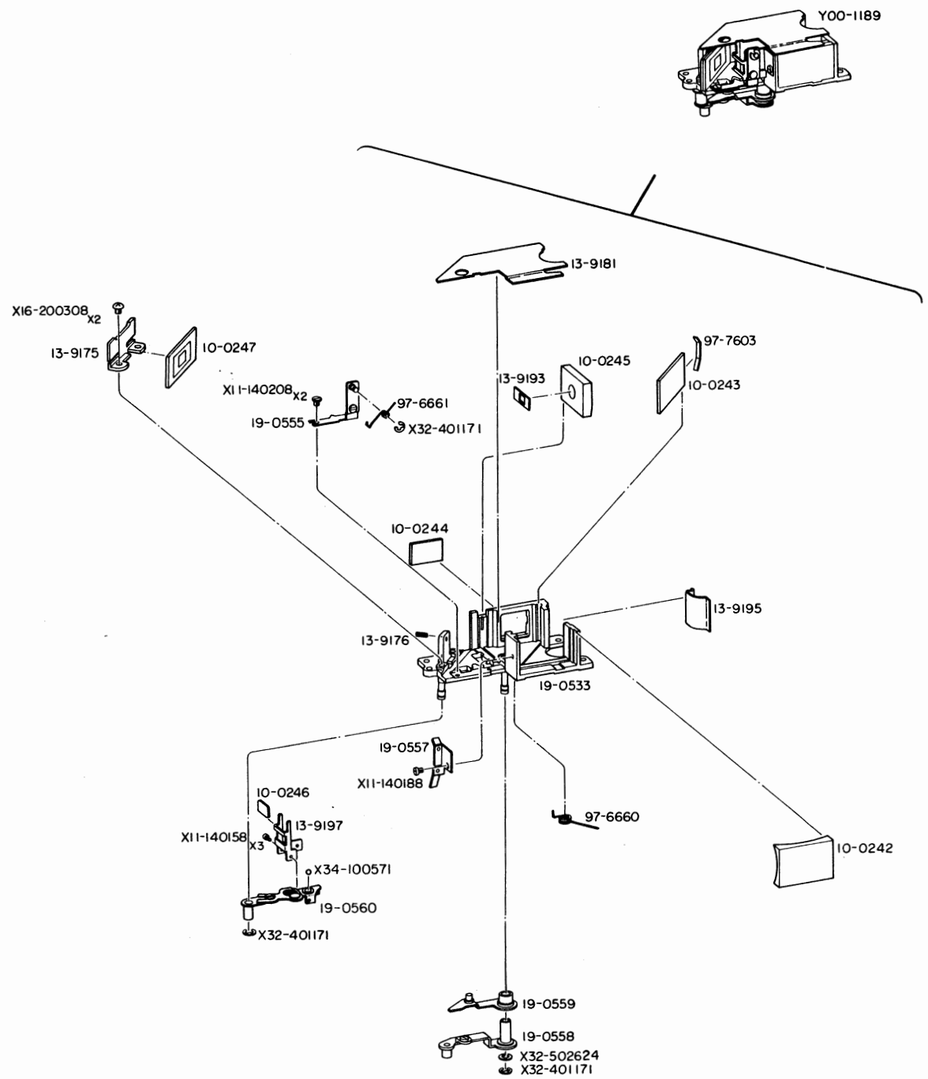
WINDING BASE & VIEWFINDER UNIT

巻上げ地板　　距離計

部品名称	CLASS	PARTS NO.	QTY.	DESCRIPTION
ファインダーユニット	D	Y00-1189	1	View Finder Unit
吊環	D	13-4100	2	Neck Strap Catch
カラー	D	13-4923	1	Collar
スタッド	D	13-9118	1	Stud
カラー	C	13-9120	1	Collar
チャージスプリング軸	D	13-9128	1	Charge Spring Shaft
ラチェットレバー	D	13-9129	1	Ratchet Lever
Rボタン	D	13-9130	1	Rewind Button
バネ受け	E	13-9131	1	Spring Catcher
巻戻しメタル	C	13-9167	1	Rewind Metal
軸受け	D	13-9173	1	Shaft Holder
ロックレバーカバー	C	13-9211	1	Lock Lever Cover
接片地板	E	13-9271	1	Contact Base
接片	D	13-9272	1	Contact
絶縁板	D	13-9273	1	Insulator
水銀電池外し	C	13-9277	1	Battery Take Out Plate
水銀電池接片	D	13-9278	1	Battery Contact
三脚取付けネジ	D	13-9290	1	Tripod Socket
スペーサー	D	13-9316	1	Spacer
ラチェットレバー	D	13-9317	1	Ratchet Lever
ワッシャー	C	13-9318	1	Washer
遮光板	D	13-9325	1	Light Shield
巻上げ地板	E	19-0537	1	Winding Base
巻上げ爪	D	19-0538	1	Winding Pawl
中間ギヤー	D	19-0539	1	Inner Gear
シャッターチャージレバー	D	19-0540	1	Shutter Charge Lever
巻戻しフォーク	B	19-0553	1	Rewind Fork
ロックレバー	D	19-0554	1	Lock Lever
水銀電池室	D	19-0574	1	Battery Box
巻上げギヤー	D	97-0625	1	Winding Gear
アイドルギヤー	D	97-0626	1	Idle Gear
スプロケットギヤー	D	97-0628	1	Sprocket Gear
フリクションギヤー	D	97-0629	1	Friction Gear
コイルスプリング	C	97-5608	1	Coil Spring
コイルスプリング	D	97-5613	1	Coil Spring
スプリング	D	97-6093	1	Spring
スプリング	D	97-6652	1	Spring
スプリング	D	97-6653	1	Spring
スプリング	D	97-6654	1	Spring
スプリング	D	97-6680	1	Spring
スプリング	D	97-6681	1	Spring
皿ビス		X14-140258	2	Screw
十字ナベビス		X16-170208	1	Screw
十字ナベビス		X16-170857	1	Screw
十字ナベビス		X16-200357	4	Screw
十字ナベビス		X16-200458	3	Screw
十字皿ビス		X18-170358	2	Screw
十字皿ビス		X18-200557	3	Screw
緊定ワッシャー		X32-401131	1	Retaining Washer
緊定ワッシャー		X32-401171	2	Retaining Washer
緊定ワッシャー		X32-401201	1	Retaining Washer
ワッシャー		X32-502123	2	Washer
ワッシャー		X32-505221	1	Washer
平ビス		X91-142525	2	Screw
平ビス		X91-143560	1	Screw
平ビス		X91-173556	1	Screw
平ビス		X91-203021	3	Screw
平ビス		X91-203539	1	Screw
平ビス		X91-233436	1	Screw
ワッシャー		X98-020434	1	Washer

EXPLODED VIEW
of

CANON NEW CANONET QL 17



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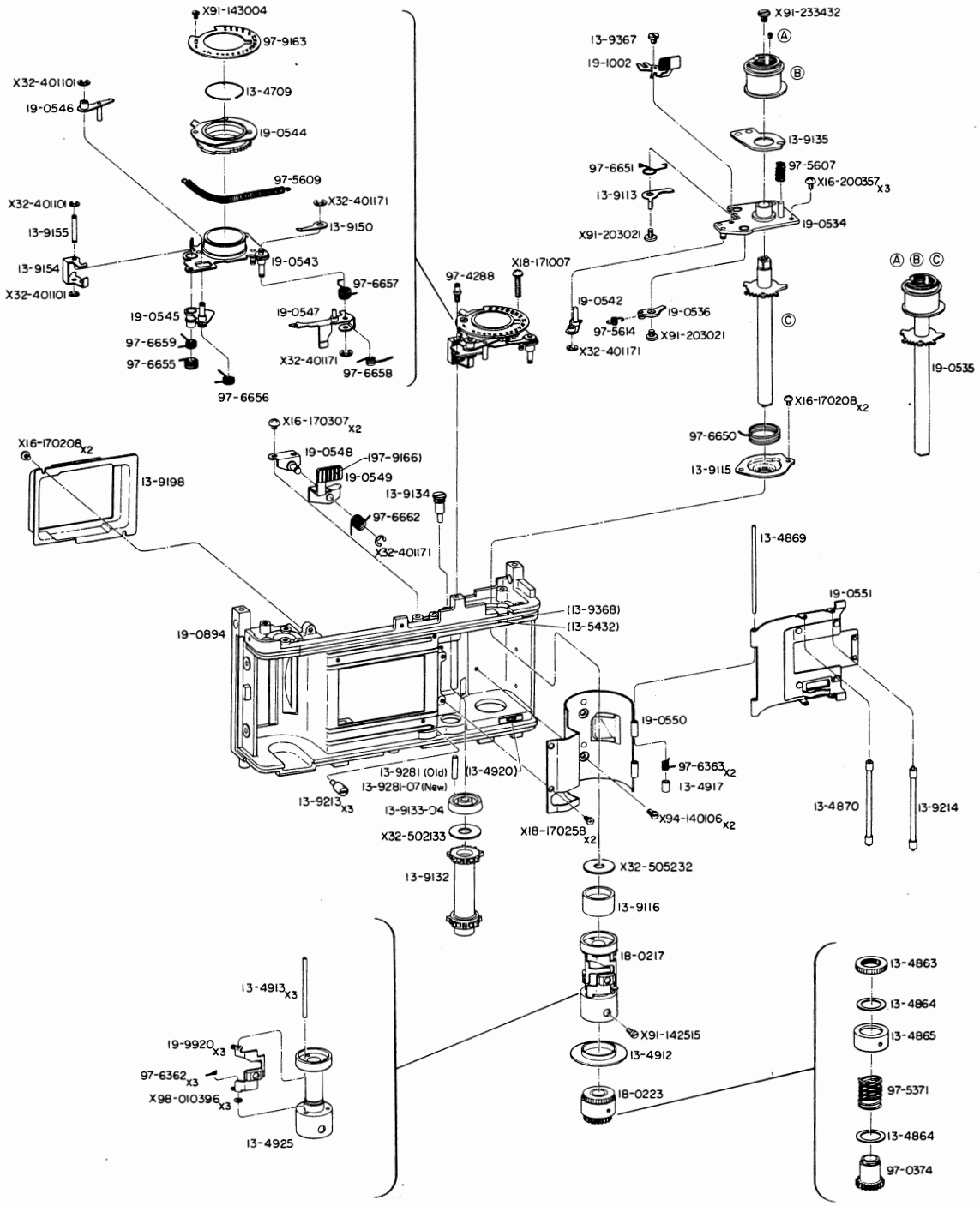
PARTS LIST

VIEW FINDER
距 離 計

部 品 名 称	CLASS	PARTS NO.	QTY.	DESCRIPTION
ファインダーユニット	D	Y00-1189	1	View Finder Unit
レ ン ズ	D	10-0242	1	Lens Element
レ ン ズ	D	10-0243	1	Lens Element
レ ン ズ	D	10-0244	1	Lens Element
レ ン ズ	D	10-0245	1	Lens Element
レ ン ズ	D	10-0246	1	Lens Element
ミ ラ ー	D	10-0247	1	Mirror
ミ ラ ー 地 板	E	13-9175	1	Mirror Base
ビ ス	C	13-9176	1	Screw
ファインダー上カバー	E	13-9181	1	Finder Top Cover
マ ス ク	E	13-9193	1	Mask
ファインダー横カバー	E	13-9195	1	Finder Side Cover
移 動 レ ン ズ 台	E	13-9197	1	Movement Lens Base
ファインダー地板	E	19-0533	1	Finder Box
ファインダーマスクホルダー	D	19-0555	1	Finder Mask Holder
レ ン ズ 押 え	E	19-0557	1	Lens Pressure
連 動 レ バ ー	E	19-0558	1	Connecting Lever
連 動 レ バ ー	E	19-0559	1	Connecting Lever
バ ネ 板	E	19-0560	1	Spring Lever
ス プ リ ン グ	D	97-6660	1	Spring
ス プ リ ン グ	D	97-6661	1	Spring
板 ス プ リ ン グ	D	97-7603	1	Plate Spring
平 ビ ス		X11-140158	3	Screw
平 ビ ス		X11-140188	1	Screw
平 ビ ス		X11-140208	2	Screw
十 字 ナ ベ ビ ス		X16-200308	2	Screw
緊 定 ワ ッ シ ャ ー		X32-401171	3	Retaining Washer
ワ ッ シ ャ ー		X32-502624	1	Washer
ス チ ー ル ボ ー ル		X34-100571	1	Steel Ball

EXPLODED VIEW
of

CANON NEW CANONET QL 17



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PARTS LIST

FILM COUNTER & TAKE UP SPOOL & WINDING SHAFT

フイルムカウンター　巻取りスプール　巻上げ軸

部品名称	CLASS	PARTS NO.	QTY.	DESCRIPTION
リテイナー	E	13-4709	1	Retainer
ナット	E	13-4863	1	Nut
フリクションワッシャー	E	13-4864	2	Fiber
スプリングカバー	E	13-4865	1	Spring Cover
蝶番軸	D	13-4869	1	Shaft of Hinge
ローラー	D	13-4870	1	Roller
スプールフランジ	E	13-4912	1	Spool Flange
水かき軸	E	13-4913	3	Shaft
カラー	E	13-4917	1	Collar
オレンジマーク	D	13-4920	1	Orange Mark
スプール	E	13-4925	1	Spool
モルトプレーン	C	13-5432	1	Light Shield
巻上げストッパー	E	13-9113	1	Winding Stopper
遮光皿	E	13-9115	1	Light Shield
カラー	D	13-9116	1	Collar
スプロケット	D	13-9132	1	Sprocket
カムリング	D	13-9133	1	Cam Ring
スプロケット軸	D	13-9134	1	Sprocket Shaft
シャッターレリーズ板	C	13-9135	1	Shutter Release Plate
枚数盤ストッパー	D	13-9150	1	Stopper
空送りレバー	D	13-9154	1	Film Feed Lever
空送りレバー軸	D	13-9155	1	Lever Shaft
遮光枠	E	13-9198	1	Light Shield
ビス	D	13-9213	3	Screw
ローラー	D	13-9214	1	Roller
ピン	D	13-9281	1	Pin
ビス	C	13-9367	1	Screw
モルトプレーン	C	13-9368	2	Light Shield
スプール	D	18-0217	1	Take Up Spool Unit
スプールフリクション	E	18-0223	1	Spool Friction
巻上げ上板	E	19-0534	1	Winding Upper Plate
巻上げ軸	C	19-0535	1	Winding Shaft
ラチェット爪	E	19-0536	1	Ratchet Claw
巻止め外し	D	19-0542	1	Stopper Remove Lever
カウンター地板	E	19-0543	1	Film Counter Base
カウンターギャー	D	19-0544	1	Counter Gear
送り爪地板	E	19-0545	1	Feeding Claw Base
送り爪	D	19-0546	1	Feeding Claw
複帰レバー	C	19-0547	1	Reset Lever
指標ホルダー	E	19-0548	1	Index Holder
フィルム送り指標	C	19-0549	1	Film Feed Index
スプロケットカバー	D	19-0550	1	Sprocket Cover
中ぶた	D	19-0551	1	Inner Cover
本体	E	19-0894	1	Body
シャッターチャージ指標	D	19-1002	1	Shutter Charge Index
水かき	E	19-9920	3	Friction Rubber
スプールギャー	E	97-0374	1	Spool Gear
ビス	E	97-4288	1	Screw
コイルスプリング	D	97-5371	1	Coil Spring
コイルスプリング	D	97-5607	1	Coil Spring
コイルスプリング	D	97-5609	1	Coil Spring
コイルスプリング	D	97-5614	1	Coil Spring
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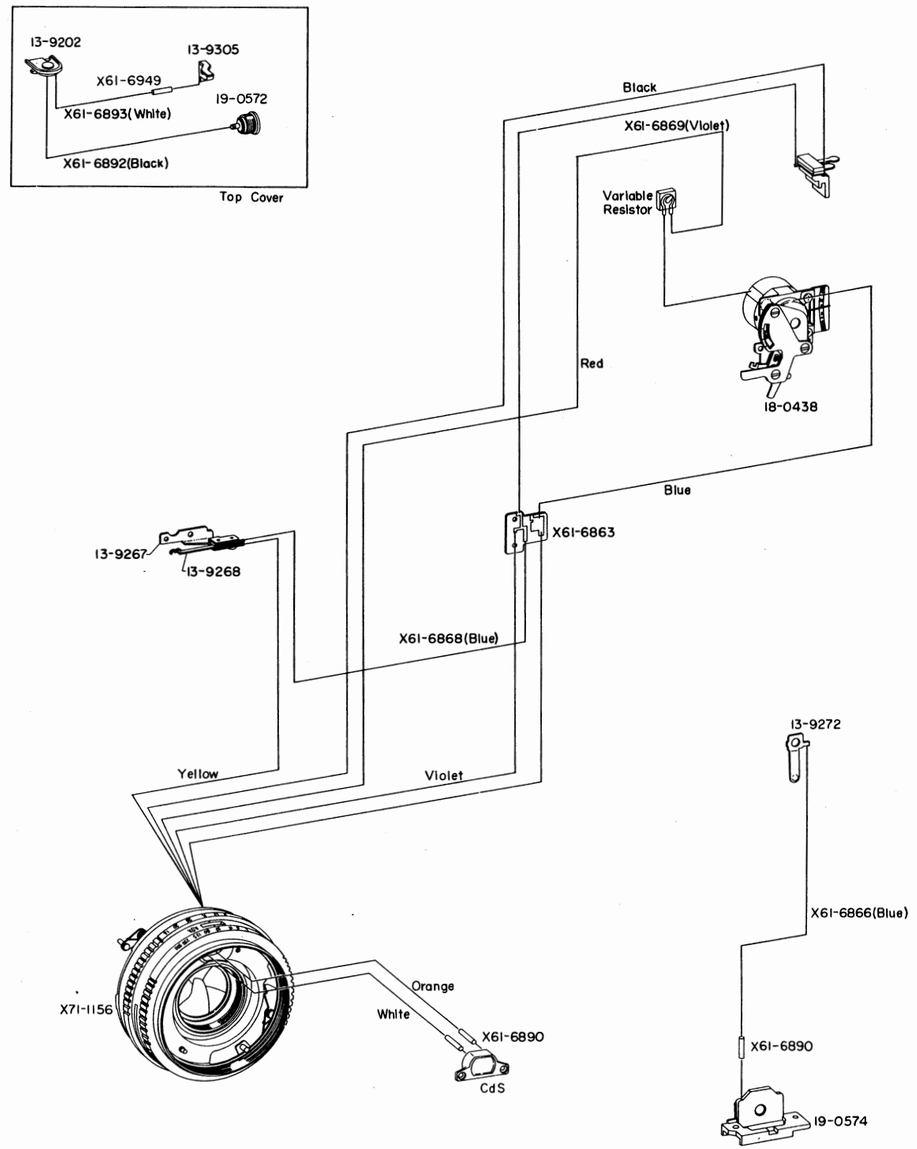
スプリング	D	97-6651	1	Spring
スプリング	D	97-6655	1	Spring
スプリング	D	97-6656	1	Spring
スプリング	D	97-6657	1	Spring
スプリング	D	97-6658	1	Spring
スプリング	D	97-6659	1	Spring
スプリング	D	97-6662	1	Spring
フィルムカウンター	D	97-9163	1	Film Counter
フィルム送り指標	E	97-9166	1	Film Feed Index
十字ナベビス		X16-170208	4	Screw
十字ナベビス		X16-170307	2	Screw
十字ナベビス		X16-200357	3	Screw
十字皿ビス		X18-170258	2	Screw
十字皿ビス		X18-171007	1	Screw
緊定ワッシャー		X32-401101	3	Retaining Washer
緊定ワッシャー		X32-401171	4	Retaining Washer
ワッシャー		X32-502133	1	Washer
ワッシャー		X32-505232	1	Washer
平ビス		X91-142515	1	Screw
平ビス		X91-143004	1	Screw
平ビス		X91-203021	2	Screw
平ビス		X91-233432	1	Screw
皿ビス		X94-140106	2	Screw
ワッシャー		X98-010396	3	Washer

CIRCUIT DIAGRAM
of
CANON NEW CANONET QL 17



NO SCALE

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CANON REPAIR MANUAL

CANON BLACK CANONET QL 17

(REF. NO. 1-30802)

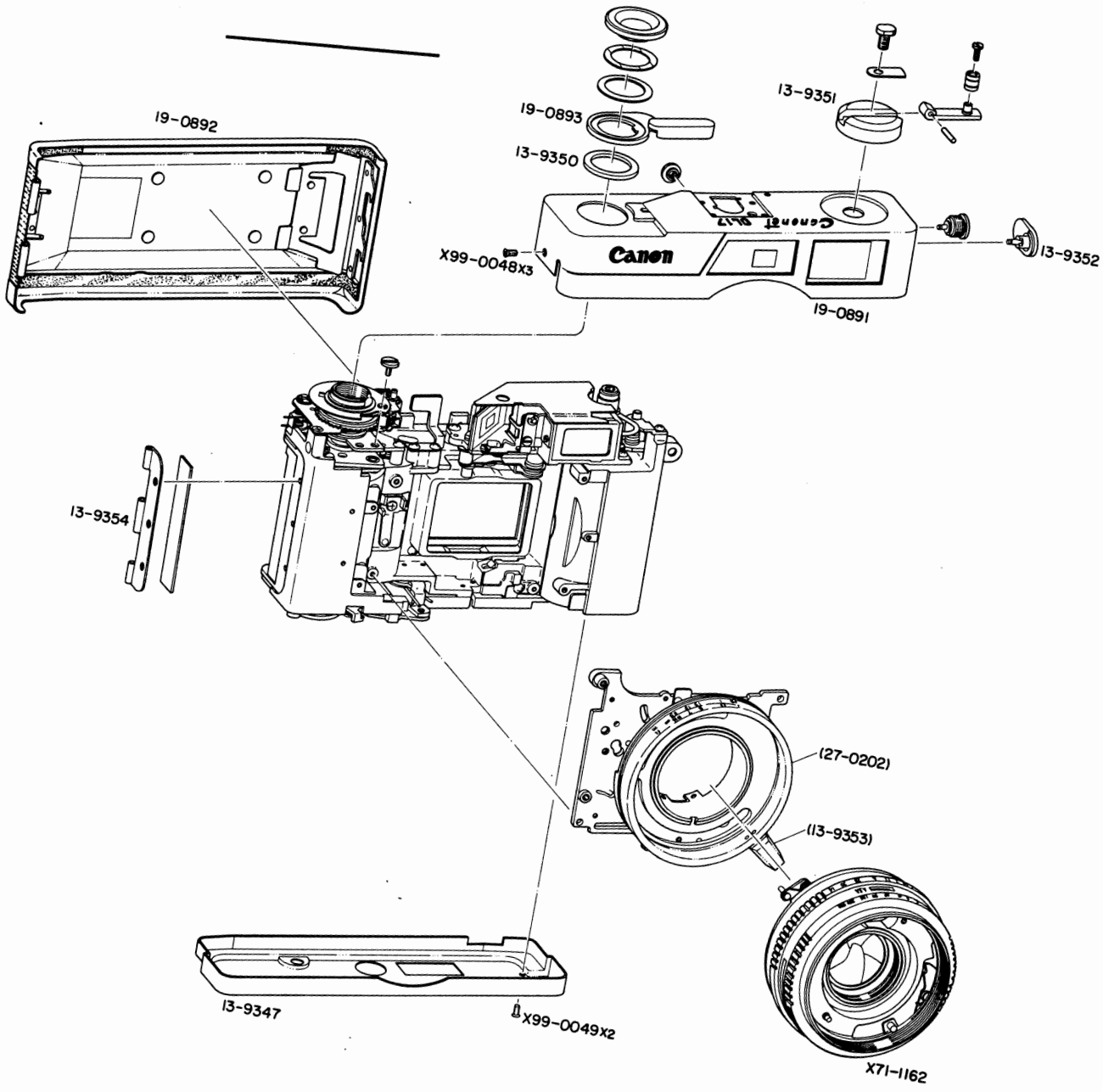
CANON INC. JAPAN

EXPLODED VIEW

REF. NO. 1-30802

of

CANON BLACK CANONET QL 17



SCALE 1-2.0

Canon Black Canonet QL17 is absolutely the product in mechanism as Canon Canonet QL17 is, we therefore picked up only parts which are used in the Canon Black Canonet QL17 for this repaire manual. The rest of the parts as Canon Black Canonet QL17, in case if necessary, refer to the repair manual of Canon Canonet QL17 (1-30801).

PARTS LIST

PARTS NO.	QTY.	DESCRIPTION	
13-9347	1	下部カバー	Base Cover
13-9350	1	ワッシャー	Washer
13-9351	1	巻き戻しつまみ	Rewind Knob
13-9352	1	フラッシュターミナルカバー	Flash Terminal Cover
13-9353	1	距離つまみ	Focusing Knob
13-9354	1	蝶番	Hinge
19-0891	1	上部カバー	Top Cover
19-0892	1	裏ぶた	Back Cover
19-0893	1	巻き上げレバー	Winding Lever
27-0202	1	距離環	Focusing Ring
X71-1162	1	シャッター	Shutter
X99-0048	3	丸平ビス	Screw
X99-0049	2	平ビス	Screw

CANON REPAIR MANUAL

CANON CANONET QL 17
(REF. NO. 1-30805)

CANON BLACK CANONET QL 17
(REF. NO. 1-30806)

CANON INC. JAPAN

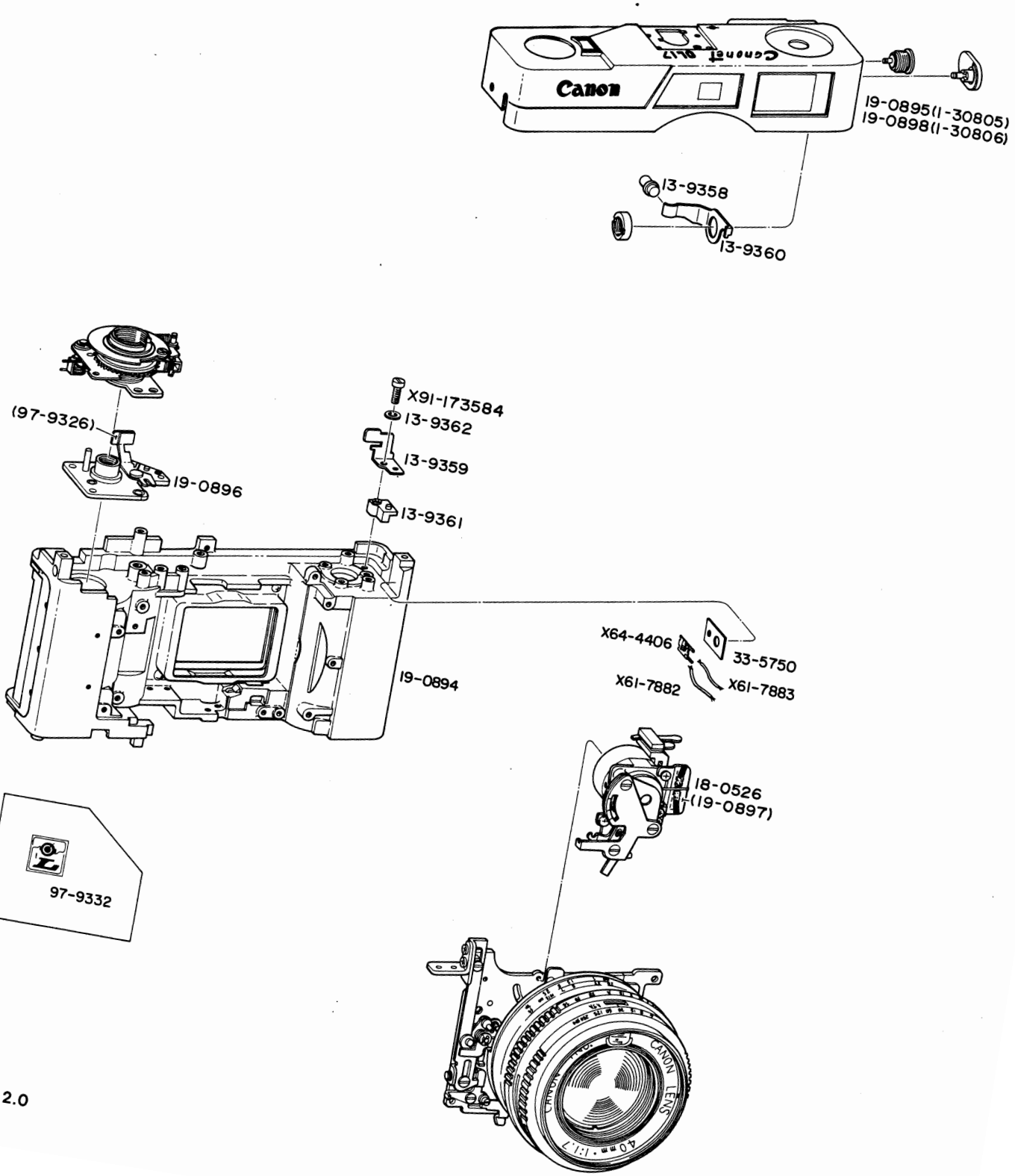
EXPLODED VIEW

of

CANON CANONET QL 17

CANON BLACK CANONET QL 17

REF. NO. 1-30805
REF. NO. 1-30806



SCALE 1-2.0

The Canon Canonet QL 17 (Type Ⅱ) is basicly the same as Canonet QL 17 except for the parts listed in this repair manual.
The additions include a battery checker and shutter charge indicator.
Part numbers for both chrome and black models are listed.

PARTS LIST

部品名称	CLASS	PARTS NO.	QTY.	DESCRIPTION
チェッカーボタン	C	13-9358	1	Checker Button
接片	C	13-9359	1	Contact
接片	C	13-9360	1	Contact
接片台	D	13-9361	1	Contact Base
絶縁ワッシャー	D	13-9362	1	Washer
メーターユニット	C	18-0526	1	Exposure Meter Unit
本体	E	19-0894	1	Body
上部カバー	C	19-0895	1	Top Cover (1-30805)
巻きあげ上地板	D	19-0896	1	Winding Upper Plate
絞り目盛板	C	19-0897	1	Aperture Scale Plate
上部カバー	C	19-0898	1	Top Cover (1-30806)
抵抗取付け板	D	33-5750	1	Resistor Support
巻きあげ指標	D	97-9326	1	Winding Index
シール	D	97-9332	1	Seal
リード線	C	X61-7882	1	Lead
リード線	C	X61-7883	1	Lead
半固定抵抗	D	X64-4406	1	Variable Resistor
平ビス		X91-173584	1	Screw

FIRST PRINTING, MAY 1970

CANON REPAIR GUIDE

CANON CANONET QL 17

(REF. NO. 1-30801)

CANON INC. JAPAN

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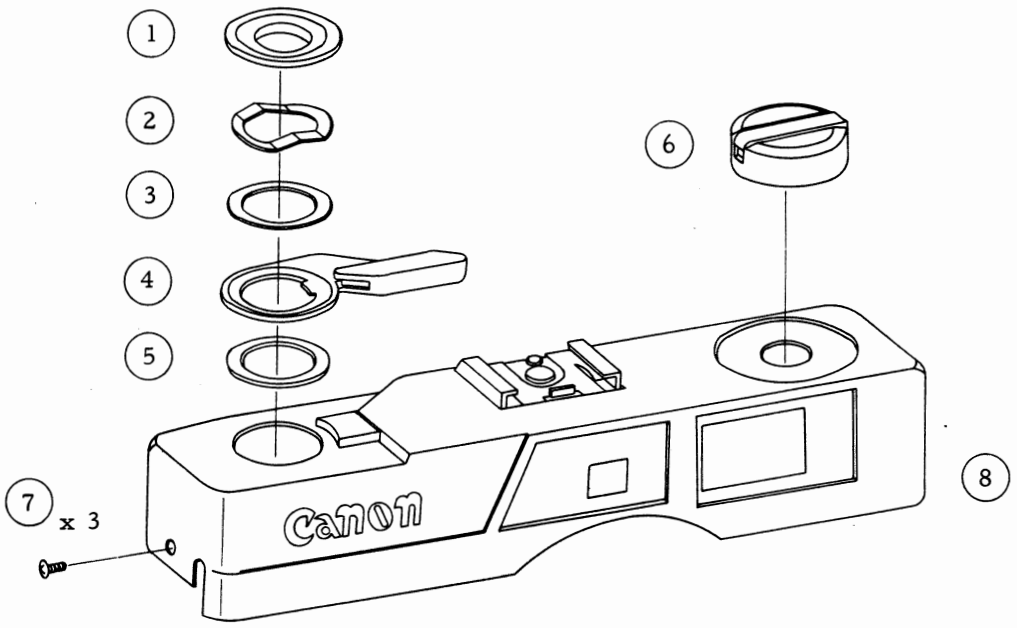
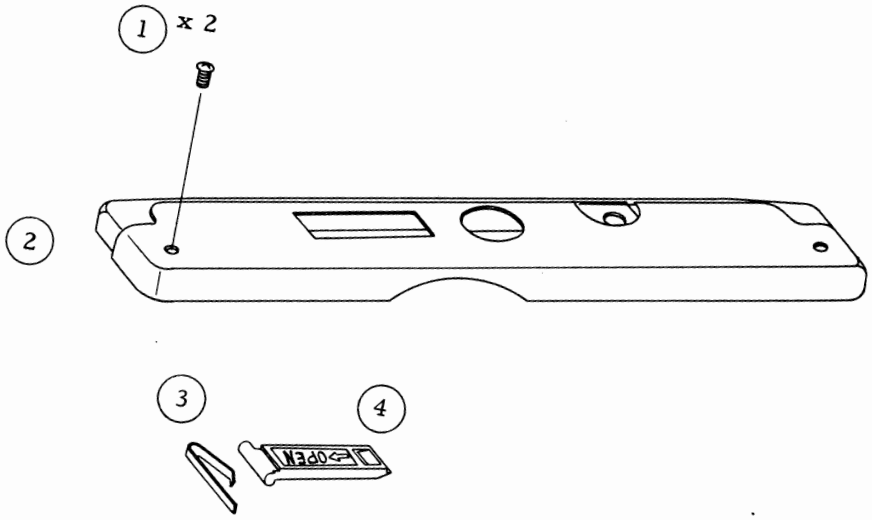
I. Disassembling (x)

1. Removal of Top Cover



	Work	Specifications
1.	Removal of Winding Lever (4)	Remove it in the following sequence. (1) Shutter Button Guard 13-9105 - (2) Washer 13-4615 - (3) Washer X98-100386 - (4) Winding Lever 19-0579 - (5) Washer 13-9106
2.	Removal of Rewind Crank (6)	(6) Rewind Crank 19-0577
3.	Removal of Top Cover (8)	(7) Screw x 3 X91-170306 - (8) Top Cover 19-0531

2. Removal of Base Cover (1)



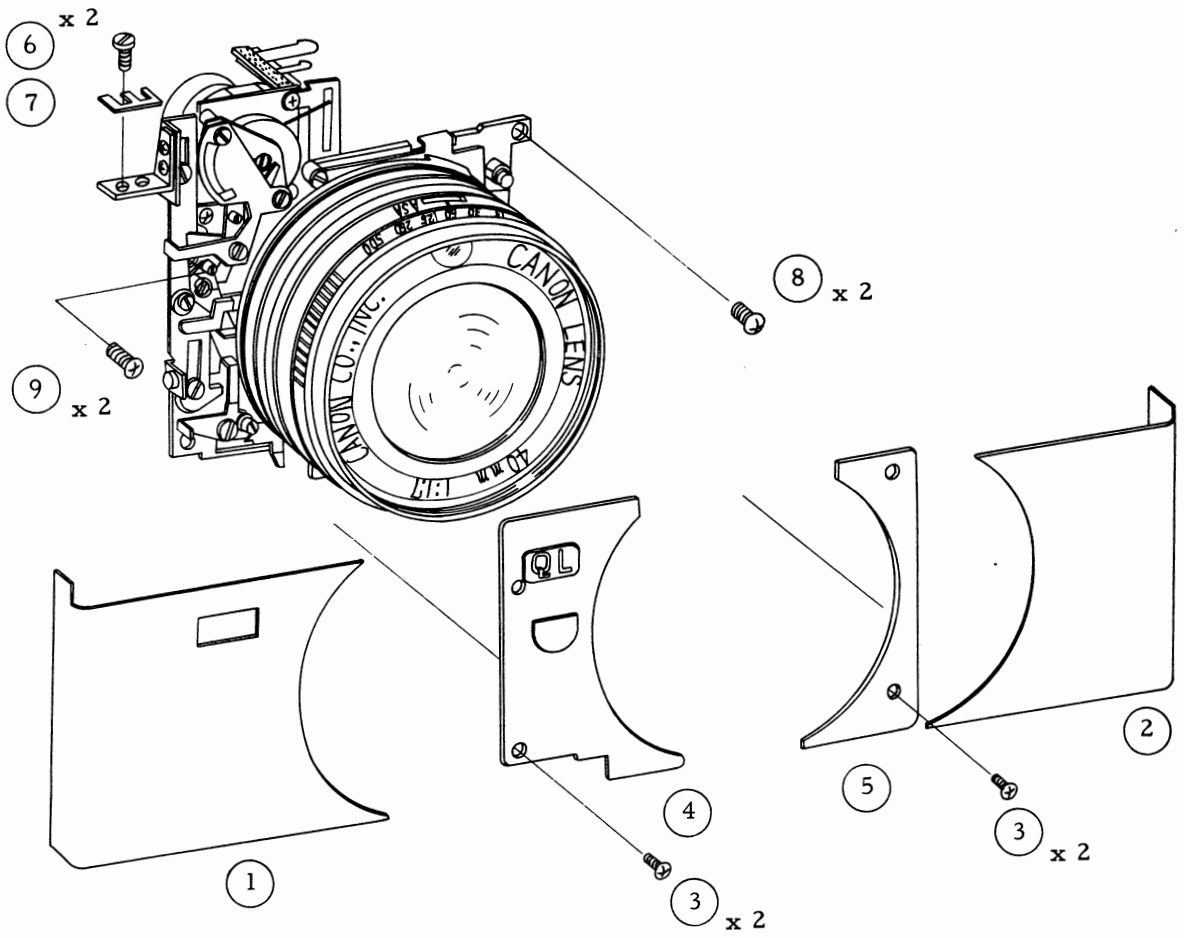
Work

1. Removal of Base Cover (2)

Specifications

Remove it in the following sequence.
(1) Screw x 2 X18-170306 - (2) Base Cover 13-9103 - (3) Plate Spring 97-7600
It is also possible to remove (4) Battery Cover 19-0575.

3. Removal of Front Cover (X) — Top + Bottom should be removed first.

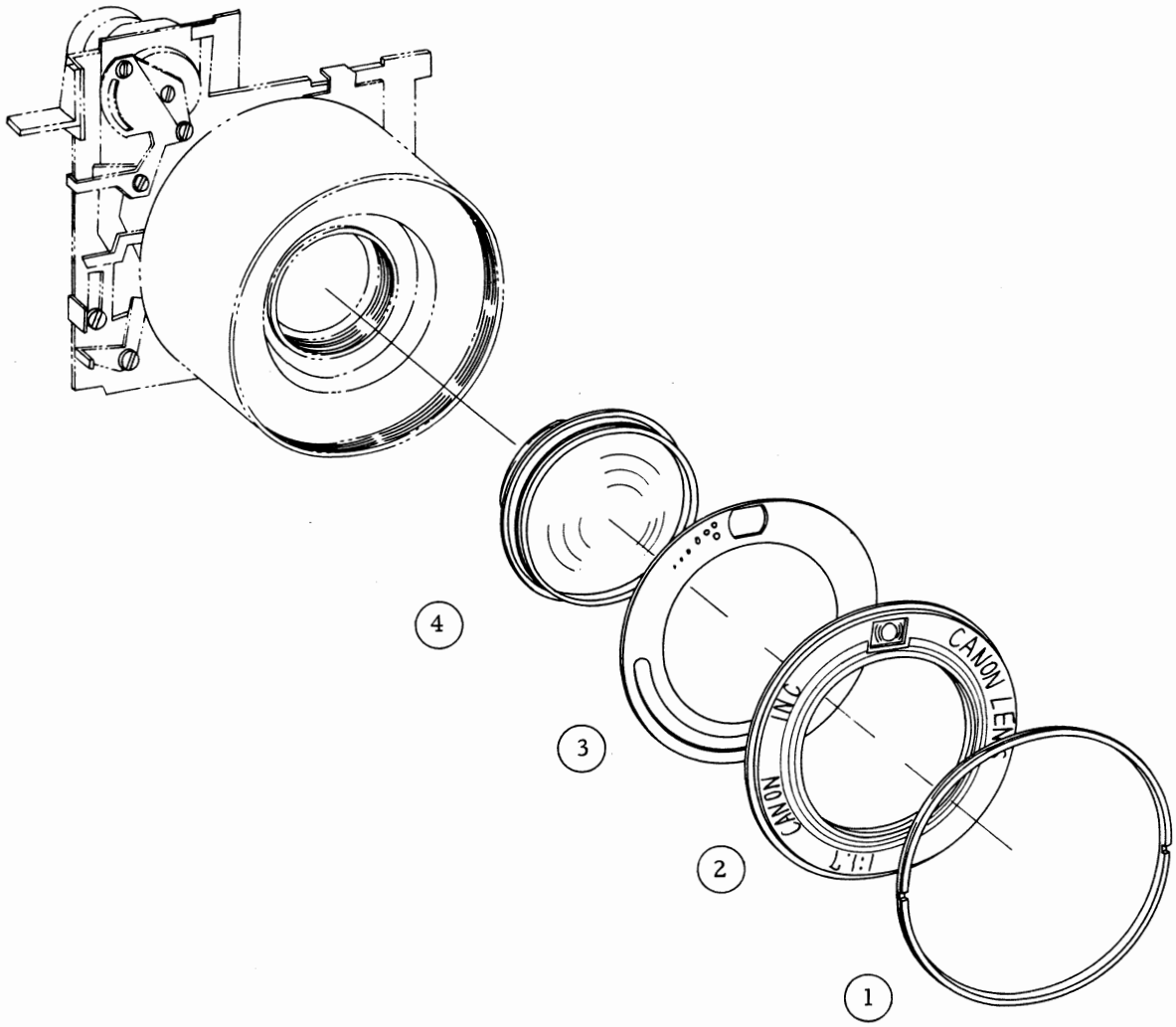


Work	Specifications
1. Removal of Front Cover (4), (5)	Remove them in the following sequence. (1) Leather (left) 13-9203 - (2) Leather (right) 13-9204 - (3) Screw x 4 X18-170258 (4) Front Cover 13-9201 - (5) Front Cover 13-9202
2. Removal of Front Panel	(6) Screw x 2 X91-173527 - (7) Adjusting Washer 13-9228 - (8) Screw x 2 X16-200458 - (9) Screw x 2 X18-200458 The Front Panel in the state attached the Shutter and the Exposure Meter can be taken out.

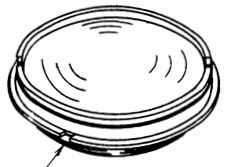
unsolder red wire in back of meter at "pot"
R/F Parallax mask will fall free

When front panel is out, there is 1 blue wire still attached at circuit board on right side. Wire goes to solder point at extreme right.

4. Removal of Front Lens Unit (4)

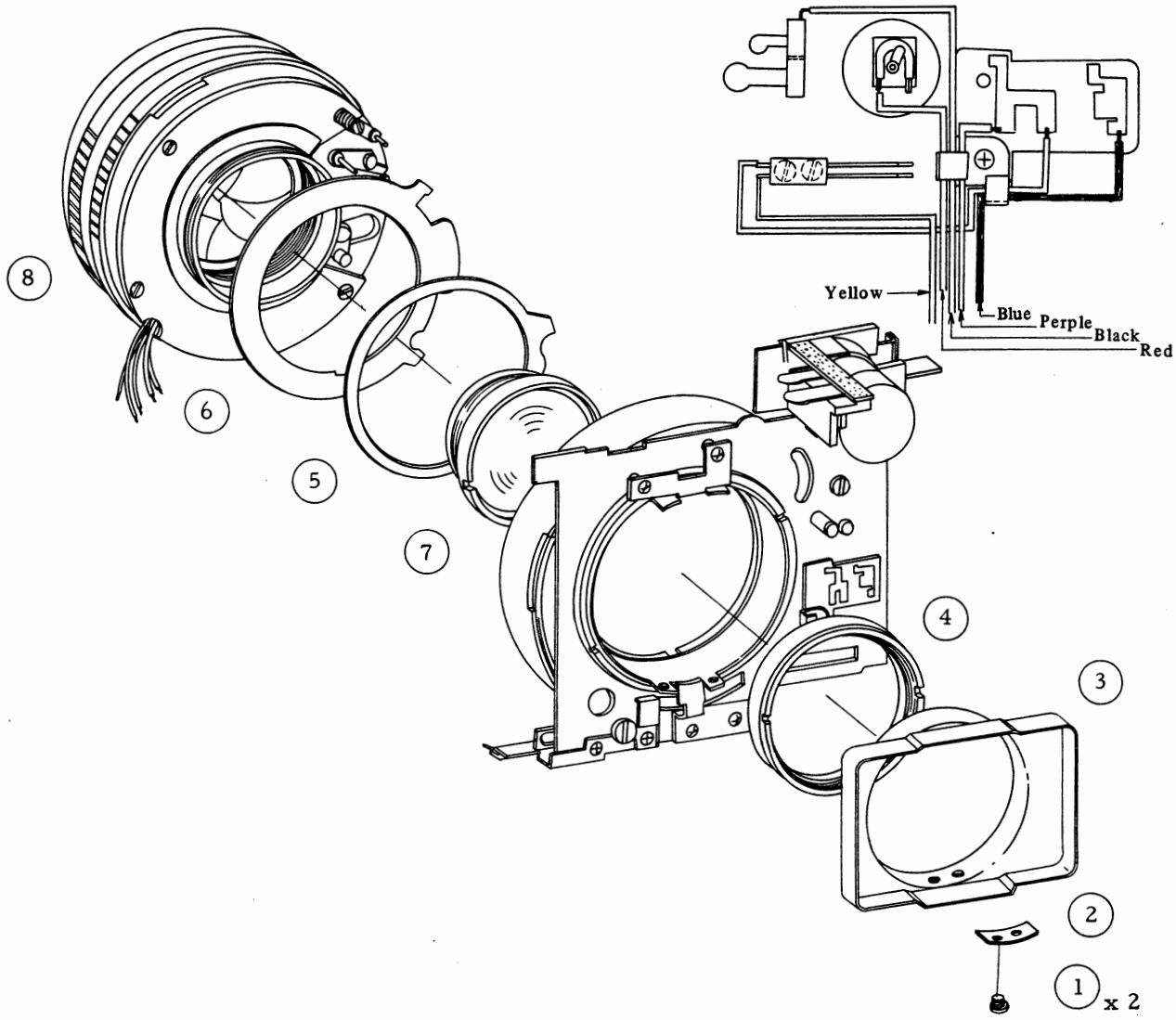


Work	Specifications
1. Removal of Front Lens Unit (4)	Remove it in the following sequence. (1) Assemble Collar 27-8639 - (2) Name Ring 19-0580 - (3) Diaphragm Plate 13-9293 - (4) Front Lens Unit 18-0445



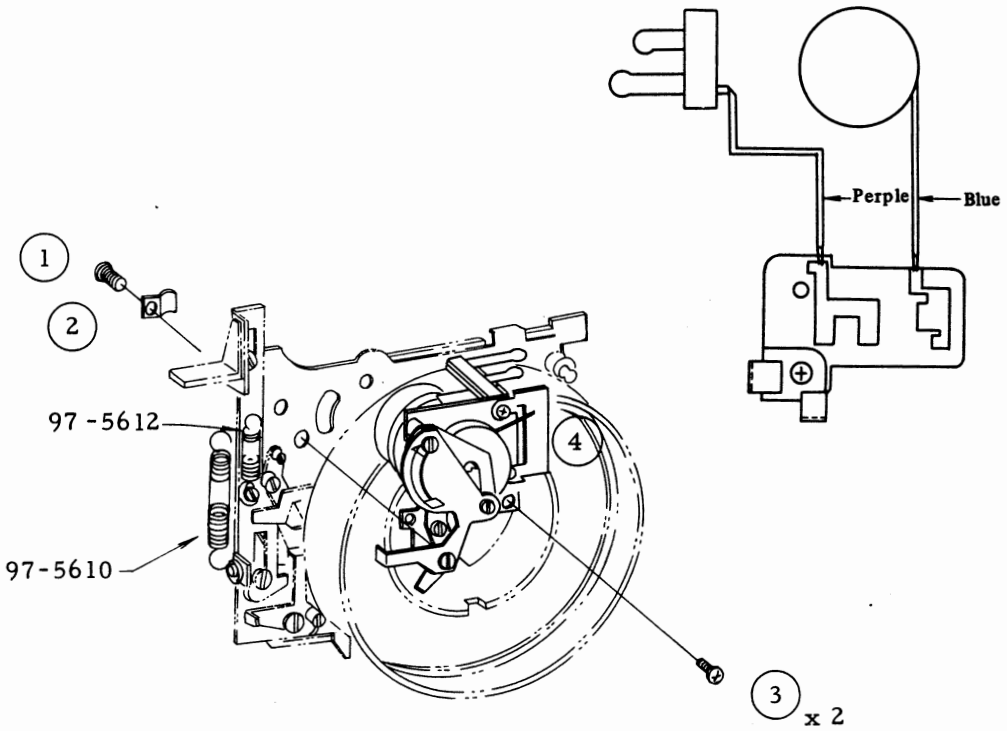
Remove the Front Lens Unit with TO630-13-9246-1T special screwdriver putting in the arrow.

5. Removal of Shutter



Work	Specifications
1. Removal of Light Shield (3)	Remove them in the following sequence. (1) Screw x 2 (X14-140158) - (2) Nut (13-9299) - (3) Light Shield (13-9199) - Removal of the cords soldered
2. Removal of Shutter (8)	(4) Assemble Collar (27-8643) - (5) Charge Ring (13-9200) - (6) Intermediate Ring (13-9298) - (7) Rear Lens Unit (18-0446) - (8) Shutter (X71-1156) n. b.: The shutter in the state attached the Rear Lens Unit can be taken out when removing the Assemble Collar (4).

6. Removal of Exposure Meter



Work	Specifications
1. Removal of Cord Holder (2)	Remove them in the following sequence. (1) Screw X91-173542 - (2) Cord Holder 13-9242
2. Removal of Exposure Meter Unit (4)	Removal of the cord soldered Removal of Coil Spring 97-5610 and Coil Spring 97-5612 (3) Screw x 2 X16-170307 - (4) Exposure Meter Unit 18-0438

II. Exchanging and Adjusting

1. Exchanging and Adjusting of Shutter

Work	Specifications
1. Disassembling	Refer to the paragraph "Removal of Shutter" on Page 5.
2. Inspection	2.1 Aperture blade operation
	2.2 Charge and release of Shutter

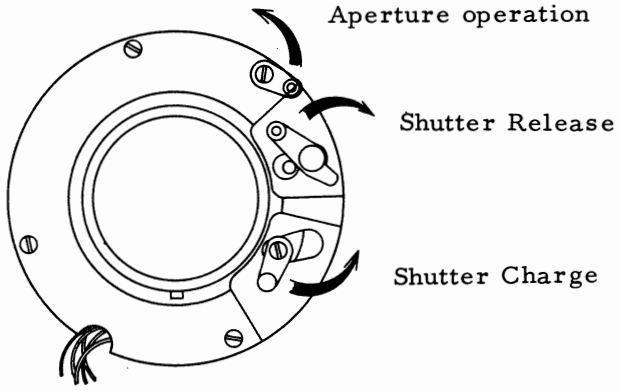


Fig. 1

3. Mounting

3.1 Mounting Intermediate Ring and Charge Ring.

Fix Intermediate Ring 13-9298 and Charge Ring 13-9200 on the Shutter in this sequence.

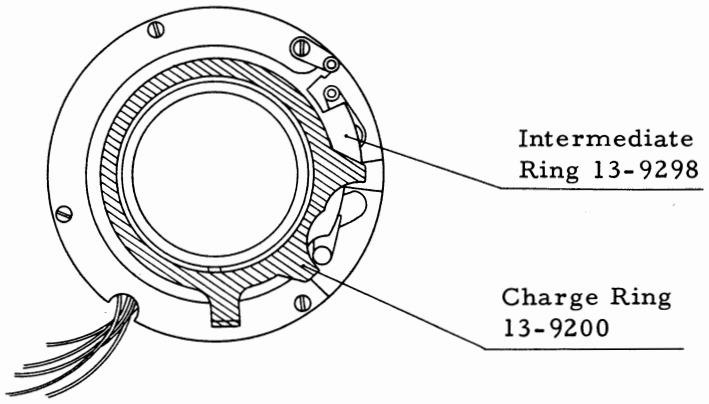


Fig. 2

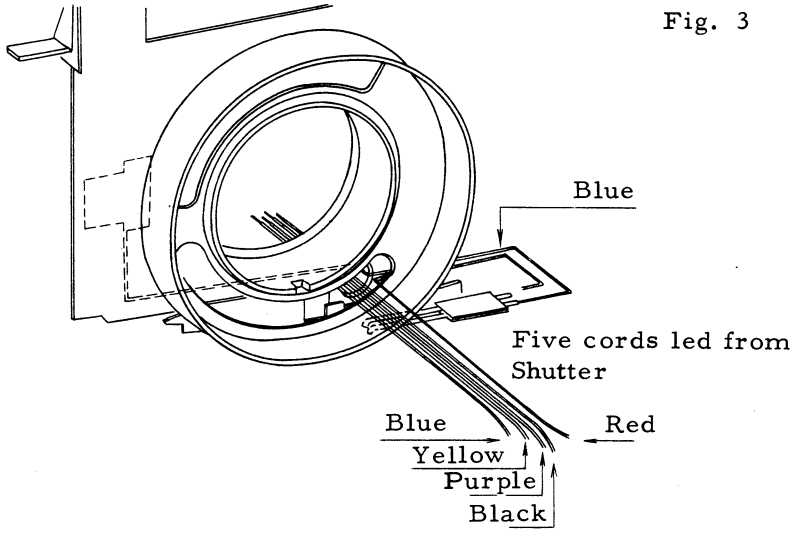
3.2 Mounting the Shutter on the Front Panel Unit

1) Set the Shutter to "AUTO" and the Focusing Ring to " ∞ ".

2) Of five cords led from the Shutter, connect four cords (blue, yellow, purple and black) to Print Circuit Plate X61-6864 by passing them through

the hole of the Front Panel, and the remaining cord (red) to the said Plate by passing it under the Focusing Ring.

Fig. 3



3) Set the Charge Ring "Section A" to the arrow-marked "A".

Set the Aperture Connecting Pin "B" to the arrow-marked "B".

Set the Release Pin "C" to the arrow-marked "C". (See Fig. 4)

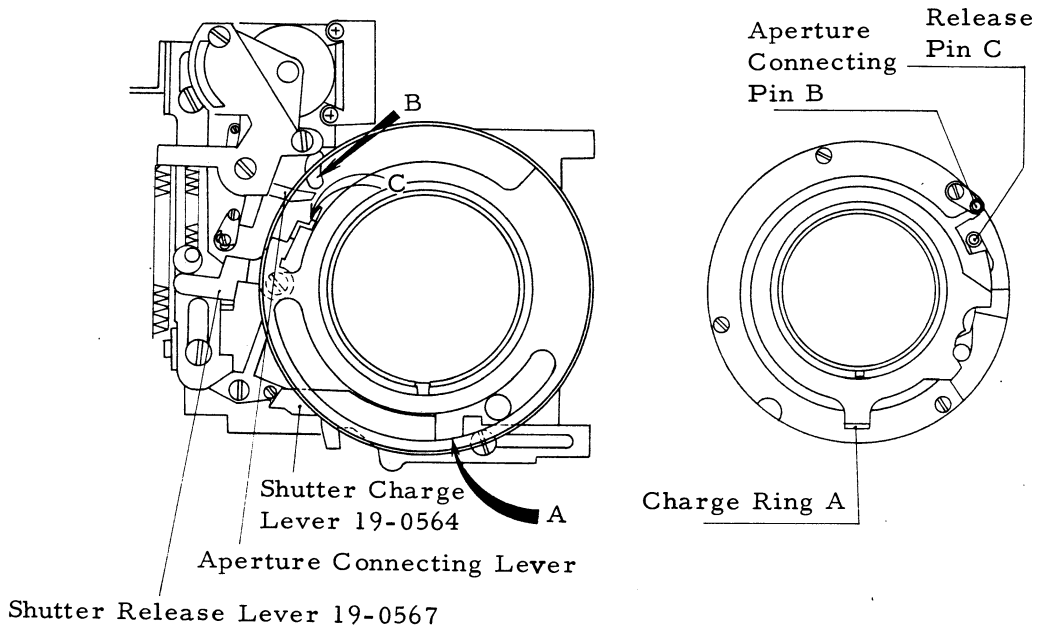


Fig. 4

4) Tightening Assemble Collar 27-8643.

3.3 Mounting Rear Lens Unit

Rear Lens Unit 18-0446 may be mounted before the Shutter is incorporated into the Front Panel Unit.

3.4 Mounting Light Shield 13-9199.

3.5 Soldering cords

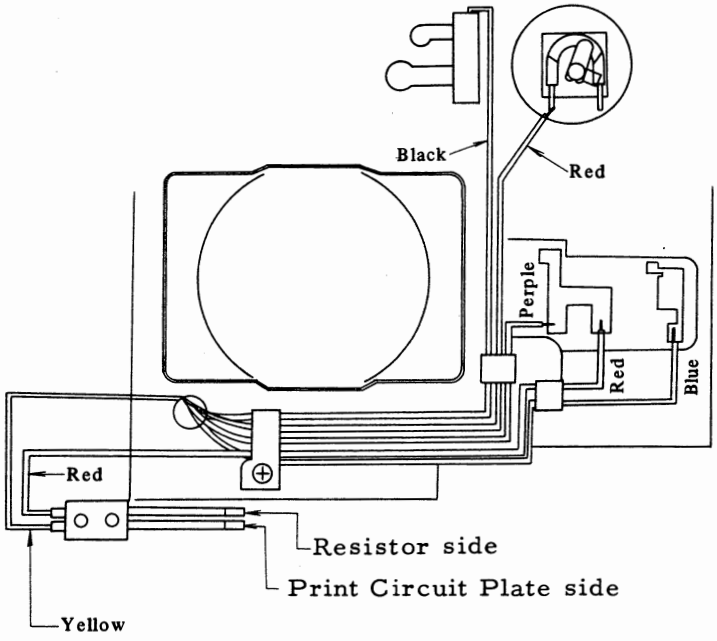
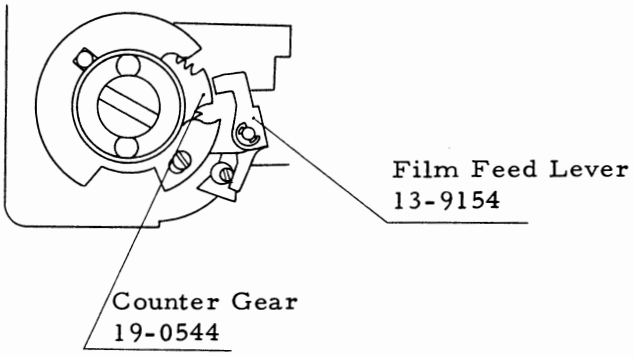


Fig. 5

3.6 Mounting Shutter on Main Body

1) Set the Film Counter at the position of S to 0. Fig. 6 indicates the condition where Film Feed Lever 13-9154 is at non-gear section of Counter Gear 19-0544.

Fig. 6



2) Set Stopper Remove Lever 19-0565 next to Stopper Remove Lever 19-0542 at the Main Body Side. Set Spring 97-6653 to the arrow-marked A of the Shutter Charge Lever. (Mount the Front Plate by bringing near to the Finder side.)

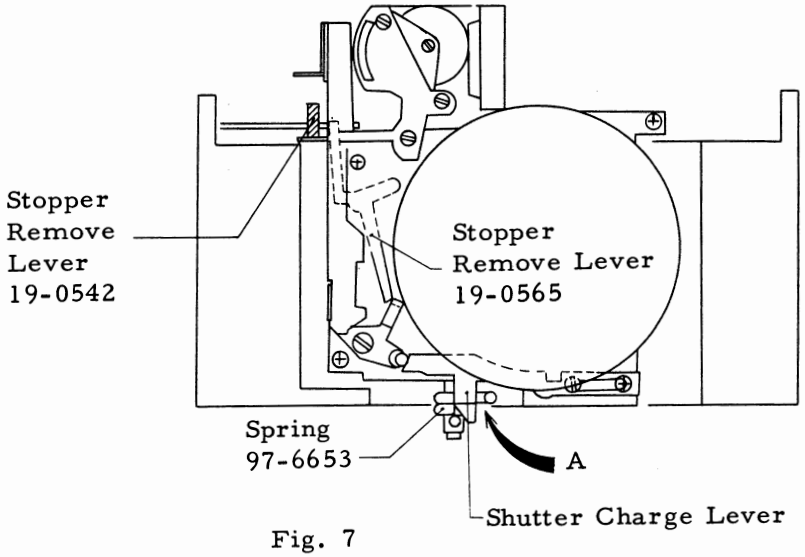


Fig. 7

3) Fixing of Connecting Lever 13-9227 and Shutter Release Plate 13-9135 with screws.

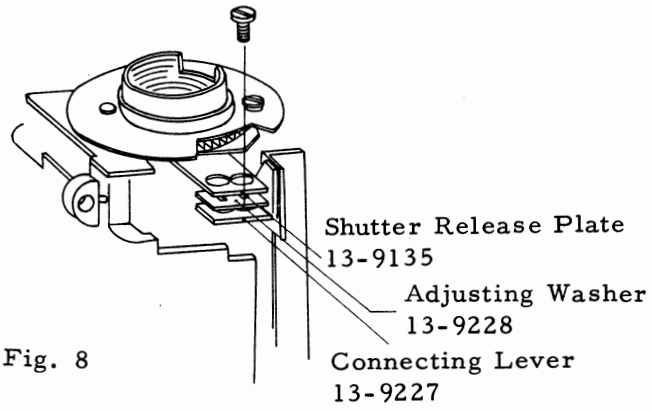


Fig. 8

3.7 Mounting Front Lens Unit 18-0439, Diaphragm Plate 13-9293, Name Ring 19-0580 and Assemble Collar 27-8639.

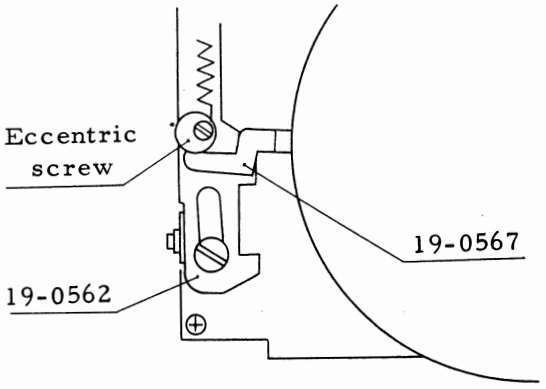
4. Adjustment

4.1 Adjustment of Shutter release position

The Shutter should be released at the position of 4.0 ± 0.2m/m of the Shutter Button stroke, and the Shutter Button should have a stroke play more than 0.4m/m when released. (Check the Shutter release position at the close distance side.)

Adjust the position with the eccentric screw of Shutter Release Lever 19-0562. (See Fig. 9.)

Fig. 9



4.2 Adjustment of Winding Safety Mechanism (Prevention of double winding)

Winding Stopper 13-9113 should be caught by Winding Shaft 19-0535 after charging the Shutter, and be off from the Shaft after releasing. (Fig. 10)

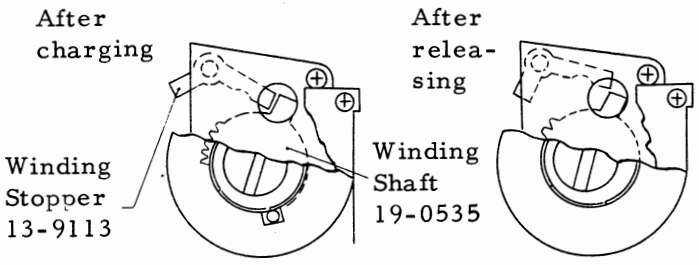
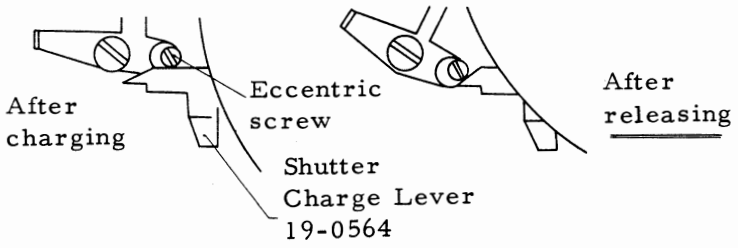


Fig. 10

4.3 Position of Stopper Remove Lever



Adjust the position with the eccentric screw of the Stopper Remove Lever.

4.4 Adjustment of Film Feeding (Feeding leader section)

1) At the position of S to 0 on the Film Counter, the Winding Stopper should be off the Winding Shaft through Stopper Remove Lever 19-0542 together with continuous winding. (Fig. 11).

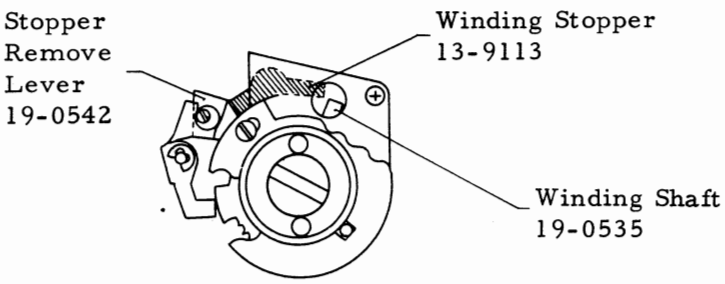


Fig. 11

2) When 1 has been obtained on the Film Counter, the Stopper Remove Lever has to work in the arrow-marked direction, and the Winding Stopper must be caught by the Winding Shaft. Then, continuous winding should be stopped.

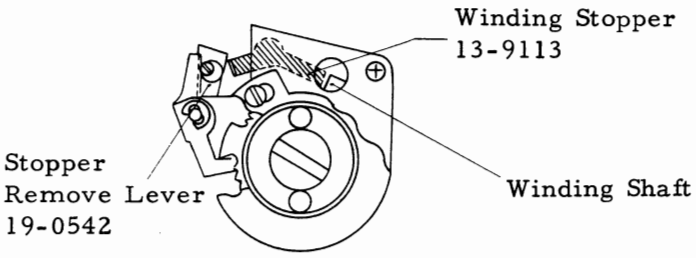


Fig. 12

The adjustment is to be made with the eccentric screw of Stopper Remove Lever 19-0542.

2. Exchanging and Adjusting of Exposure Meter

Work	Specifications
1. Disassembling	Refer to the paragraph "Removal of Exposure Meter Unit" on Page 6.
2. Inspection	Omitted n.b.: 1. Exchange the CdS abd the Meter as a pair. 2. Do not bend the needle.
3. Mounting	3.1 Mounting Exposure Meter Unit The needle clamper should be positioned at the right of Shutter Lock Lever 19-0566, and the Aperture Connecting Lever under the Aperture Connecting Pin of the Shutter. (Fig. 13)

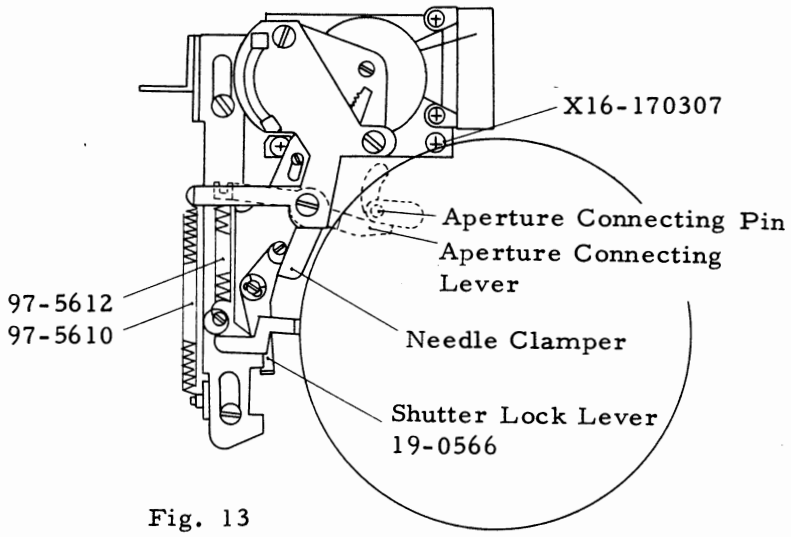


Fig. 13

3.2 Mounting Spring

3.3 Soldering cords

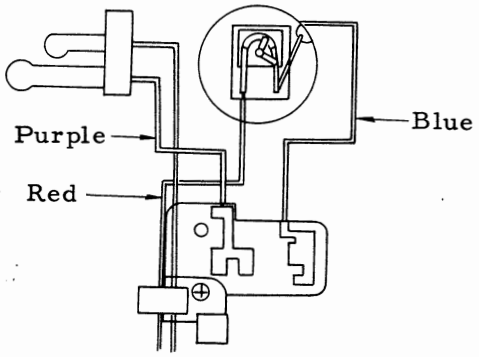


Fig. 14

3.4 Mounting Cord Holder

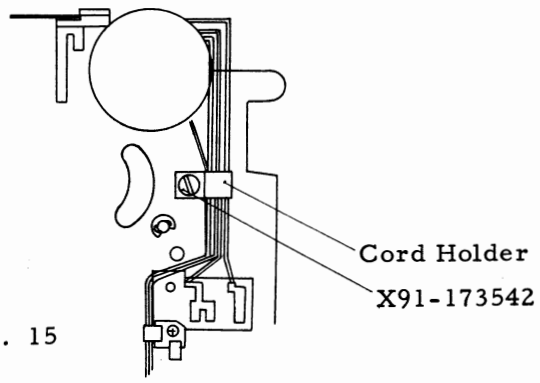


Fig. 15

3.5 Mounting Meter Unit on Main Body

Mount the Front Plate on the Main Body.
(Refer to the Para. 3.6 "Mounting Shutter on Main Body" on Page 11.)

4. Adjustment

4.1 Adjustment of Aperture Diameter

Setting the Meter Needle to the marked line of F5.6 in AUTO, release the Shutter. Then, the Aperture Diameter should be F5.6.

n.b.: Try comparing the Aperture Diameter in AUTO with that in the manual operation.

The adjustment is to be made with the eccentric screw.

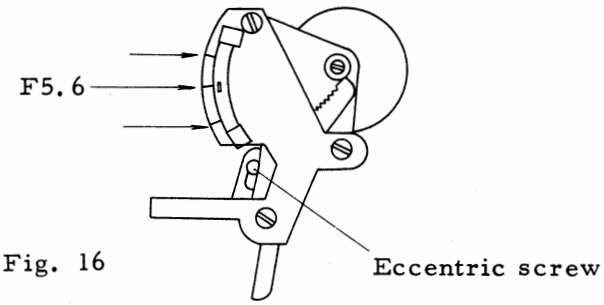


Fig. 16

4.2 Adjustment of Viewfinder Needle position

If the Meter Needle is set to the marked line of F5.6, the needle should show 5.6.
The needle (Viewfinder) position is adjustable by bending the needle.

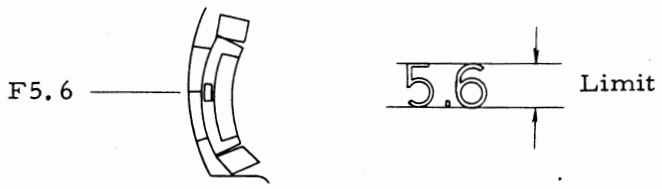


Fig. 17

n. b. : 1. Bend the needle at the base, not at the top end.

2. The needle has to work without being caught by the Mask.

4. 3 Adjustment of space between Meter Needle and Clamper

Space between the Meter Needle and the Clamper should be as shown in Fig. 18 at the low brightness side.

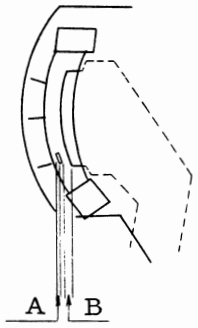


Fig. 18

A:B = 0. 2mm : 0. 5mm

Adjust the space with the eccentric screw. See Fig. 19.

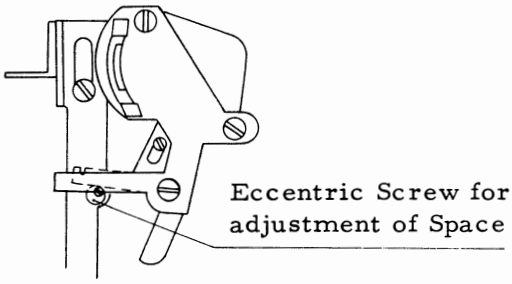


Fig. 19

n. b. : At the high brightness side, the Shutter should be released after the Meter Needle has been clamped by the EE Cam.

4. 4 Safety adjustment in case of improper exposure

1) For an improper exposure, Shutter Lock Lever 19-0566 catches Shutter Release Lever 19-0562,

and latter should stop functioning. (Fig. 20).

2) For any proper exposure (by Auto and all Manual stop down), space of more than 0.5mm should be assured between the Shutter Lock Lever and the Shutter Release Lever. (Fig. 21)

The adjustment is to be made with the eccentric screw of the Shutter Lock Lever.

Improper exposure

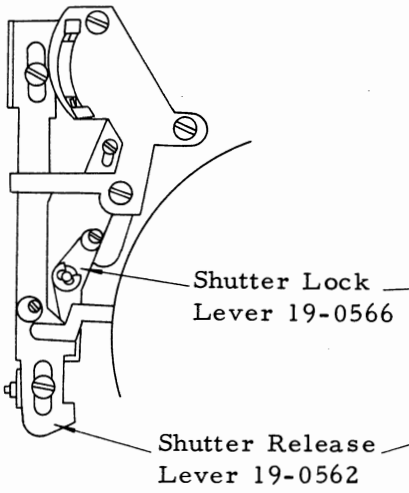


Fig. 20

Proper exposure

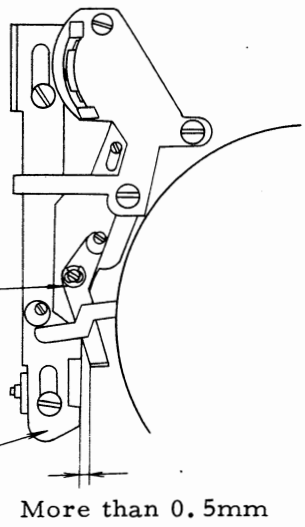


Fig. 21

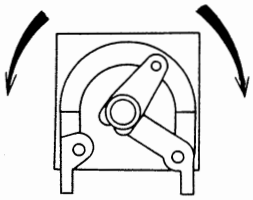
4.5 Adjustment of Meter accuracy

K=17.5

EV	cd/m2	ASA	Shutter speed	Aperture	Standards
8	45	100	1/30	F 2.8	±1F
11	358	100	1/60	F 5.6	±1F
14	2861	100	1/125	F 11	±1F

Adjust the accuracy with the variable resistor.

Meter deflection angle is large.



Meter deflection angle is small

Fig. 22

n.b.: When the adjustment cannot be done with the variable resistor, adjust the Meter accuracy by changing the mounting position of the Galvanometer, with the Front Panel Unit detached.

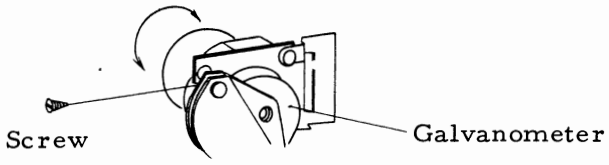


Fig. 23

Inspection

1) Inspection of low warning and high warning

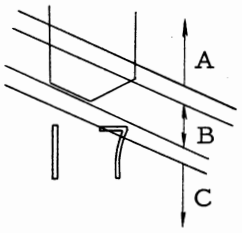
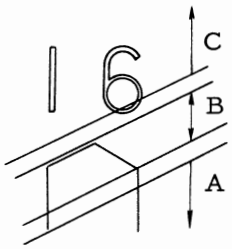


Fig. 24



A: Shutter release can not be effected.

B: Shutter release may, or may not be effected.

C: Shutter release must be effected.

2) Inspection of FA accuracy

ASA 100 1/30 Guide No. 16 (Shutter Ring is in AUTO position.)

n.b.: 1. On the Guide No. 16, make the Contact for CANOLITE D ground to the BODY.

2. Put the cap on the Lens.

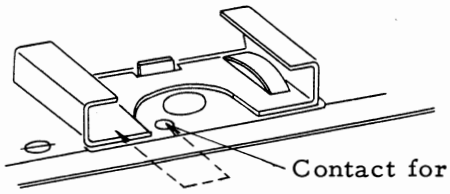


Fig. 25

Distance	F value	Standards
1m (3.5ft)	16	±1.5F
2m (7ft)	8	±1.5F
5m (15ft)	3.2 (between 2.8 and 4)	±1.5F

The adjustment is to be made by changing the mounting position of the resistor.

3. Exchanging and Adjusting of View Finder

Work	Specifications
	1. Adjustment of focus (Contrast focus) Limit: ±0.03 The focus should be within +2.5 to 5.5 on the 200mm T-type Collimator scale. (Set the focus mirror on the rail inside.)
	2. Adjustment of parallax Parallax should be within the limits of 80 to 90% against real picture.

Fig. 26

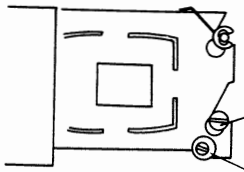
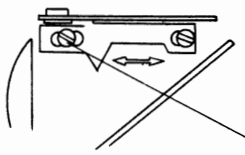


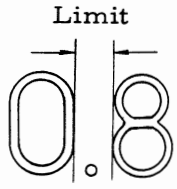
Fig. 27



3. Adjustment of Range Finder

3.1 Adjustment of close distance

Fig. 28



3.2 " ∞ " adjustment

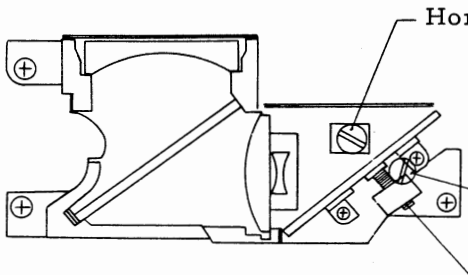
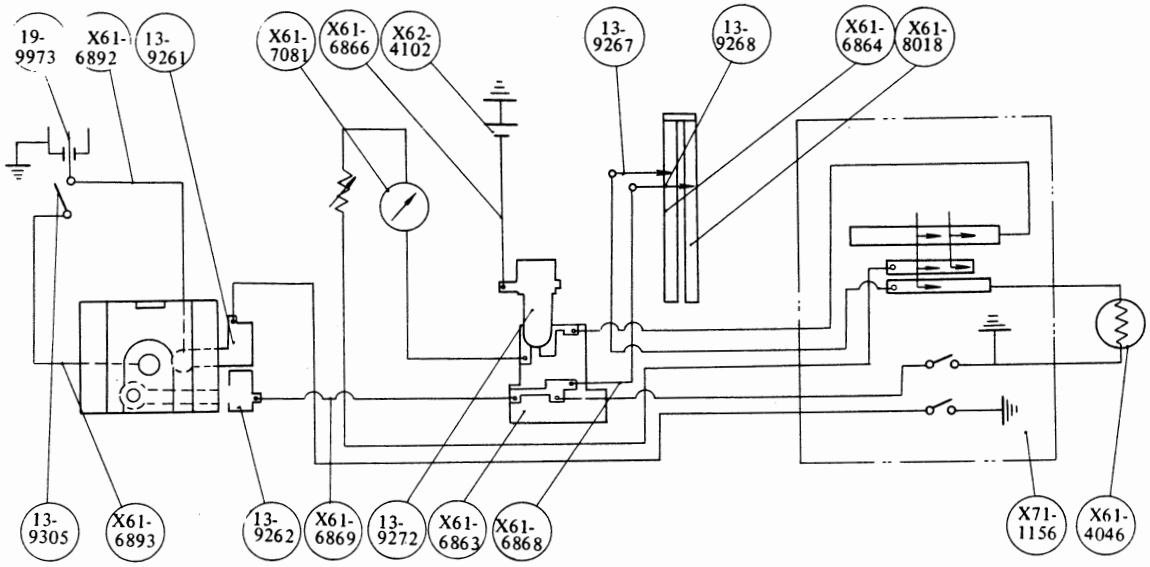


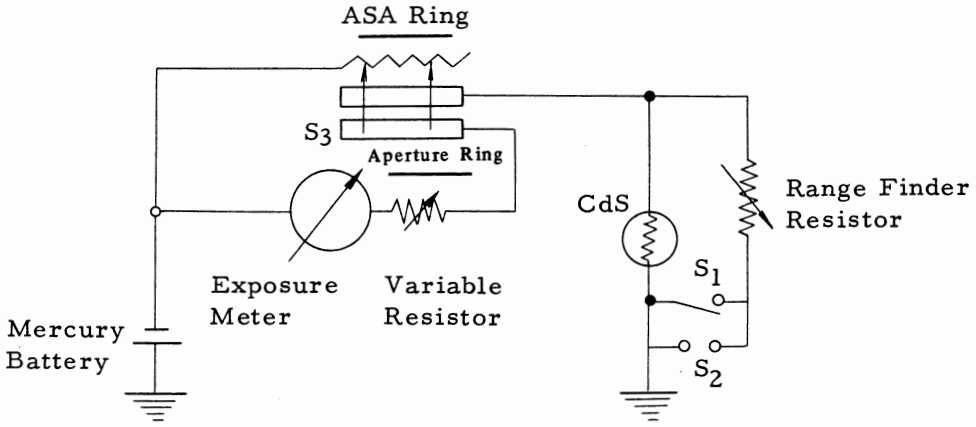
Fig. 29

III. Circuit Diagram



Parts No.	Description
X61-6866	Lead Wire (Black)
X61-6868	Lead Wire (Blue)
X61-6869	Lead Wire (Purple)
X61-6892	Lead Wire (Black)
X61-6893	Lead Wire (White)
X61-4046	CdS
X61-6863	Print Circuit Plate
X61-6864	Print C rcuit Plate
X61-7081	Exposure Meter
X61-8018	Resistor
X62-4102	Mercury Battery
X71-1156	Shutter
13-9261	FA Contact
13-9262	FA Contact
13-9267	Contact
13-9268	Resistor
13-9272	Contact
13-9305	Terminal Contact
19-9973	Flash Terminal

Circuit Diagram of Exposure Meter



S_1: Flash selector switch

S_2: Terminal for CANOLITE D

S_3: Manual selector switch

CANON SERVICE TOOLS LIST

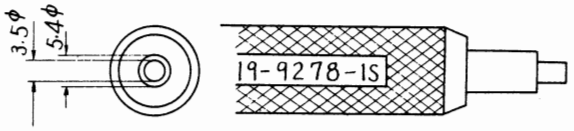
CANONET QL 17
(REF NO. 1-30801)

TESTING EQUIPMENTS

Use	Name of Testing Equipment
Focus	1. 200mm T-type Collimator
	2. Mirror for 35m/m
Field of View	1. Universal Parallax Collimator
	2. Frosted Glass for Focus
Exposure Meter	1. Inspection Device for Canon Meter
	2. Standard Checker-2 (CdS)

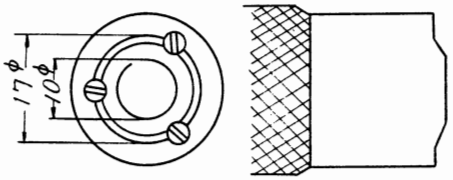
SPECIAL SCREWDRIVER

T0630-19-9278-1S



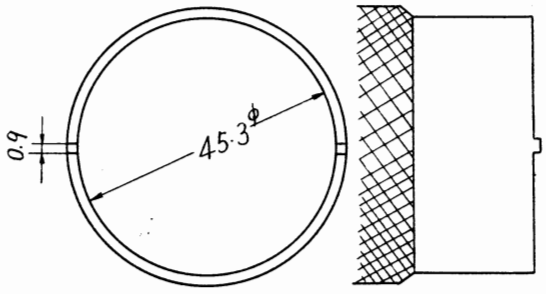
Tightening Synchro Terminal
(Common to EX EE)

T06A-13-4611-1T



Tightening Winding Lever
(Common to Canonet QL)

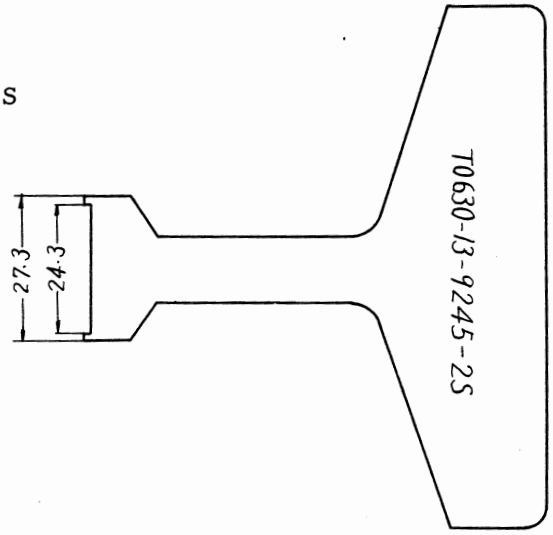
T06A-27-8097-1



Tightening Name Ring of the Lens
(Common to Canonet Jr)

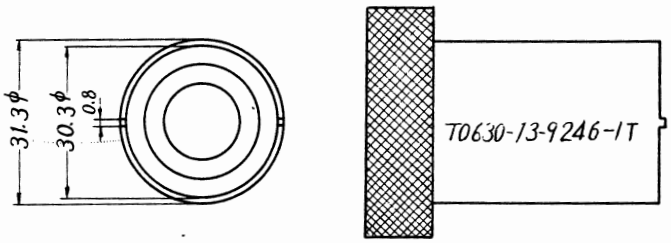
T0630-13-9245-2S

Tightening Rear Lens Unit



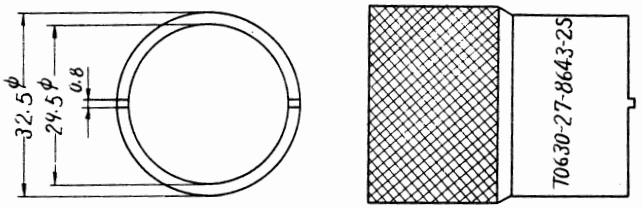
T0630-13-9246-1T

Tightening Front Lens Unit



T0630-27-8643-2S

Tightening Shutter Unit



Canon SERVICE MANUAL REPORT Serial No. AC28-001 E

Service Manual C-028

Issued by Service Department, Canon Camera Co., Inc. Date Sept. 13, 1969

Alteration of each part of New Canonet QL 17.

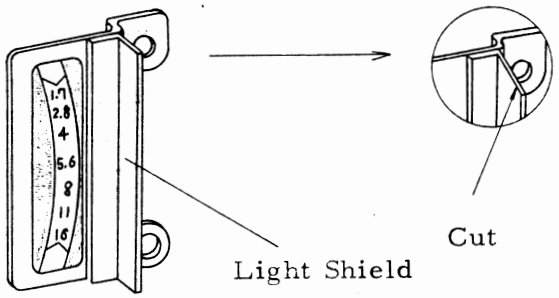
1. Alteration of Aperture Scale Plate

1.1 Details

Because Light Shield of Aperture Scale Plate 19-0572 may hit a lug for mounting Accessory Shoe of Top Cover, the following step has been taken.

Temporary step:

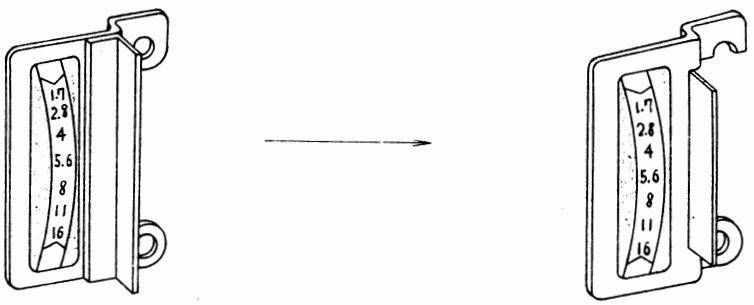
Top portion of Light Shield has been cut.



19-0572

Permanent step:

The shape of Light Shield has been changed as shown below.



19-0572 19-0572-01

1.2 For repairing

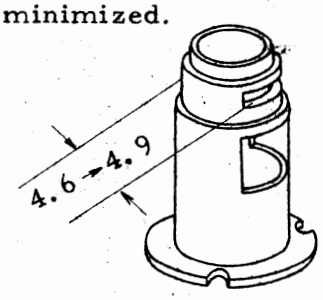
Aperture Scale Plate in which the permanent step has been taken shall be in stock at the Service Parts Section.

With the old Aperture Scale Plate, if the Light Shield hits the Top Cover, it is advisable to cut the top of Light Shield with nippers.

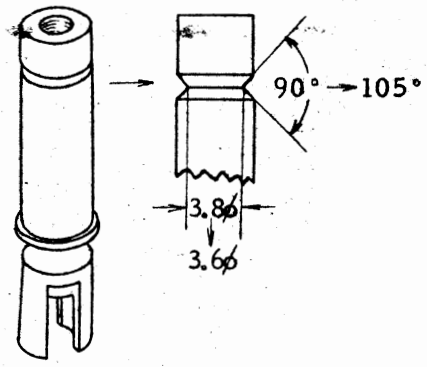
2. Alternations of Rewind Bearing Metal and Rewind Fork

2.1 Details

In order to lessen the rewind torque, Rewind Bearing Metal 13-9167 and Rewind Fork 19-0053 have been changed as follows. As a result, the frictional force between Reqind Bearing and Spring 97-6093 has been minimized.



13-9167 ⟶ 13-9167-04



19-0053 ⟶ 19-0053-01

2.2 For repairing

The old and new parts are not interchangeable in principle.

When using the new Rewind Fork with the old Rewind Bearing Metal, Spring 97-6093 might not hold the shaft properly, but in operation this should cause no problem.

Consequently, it is unnecessary to replace Rewind Bearing Metal although Rewind Fork has been exchanged.

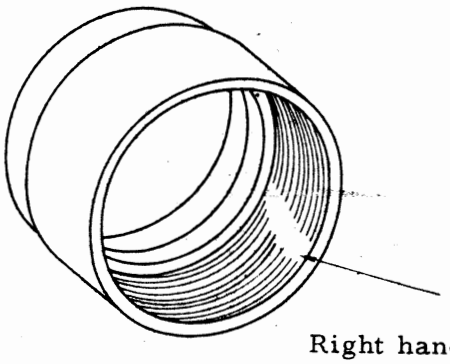
The new parts shall be in stock at the Service Parts Section.

3. Alteration of Shutter Assemble Collar

3.1 Details

In order to clamp the Shutter perfectly, or to permit easy removal of

Shutter Assemble Collar, the conventional right hand screw of Assemble Collar 27-8643 of Shutter has been changed to a left hand one. Accordingly, the threaded portion of Shutter too has been changed to the left.



Right hand screw ⟶ Left hand screw

27-8643 ⟶ 27-8643-01

3.2 Repairing Procedure

There is no interchangeability between the old and new parts. Both the old and new Assemble Collars shall be in stock at the Service Parts Section.

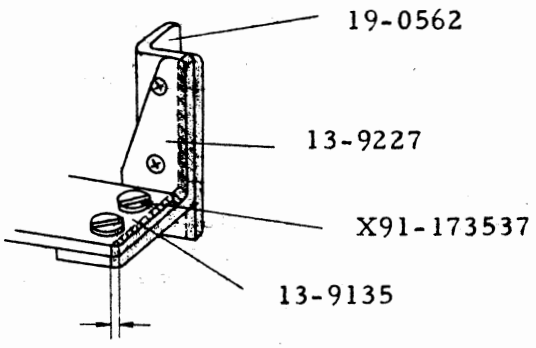
For your information;

To detach the old Assemble Collar, it is advisable to apply Ketone about three times for 20 minutes between Assemble Collar and Helicoid, and to the threaded portions of Shutter and Assemble Collar.

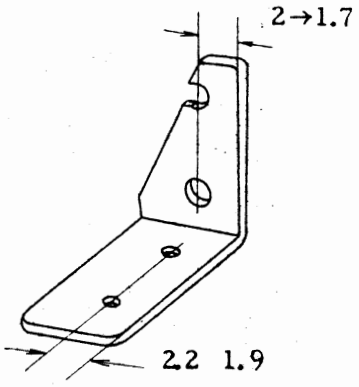
4. Alterations of Connecting Lever and Shutter Release Plate

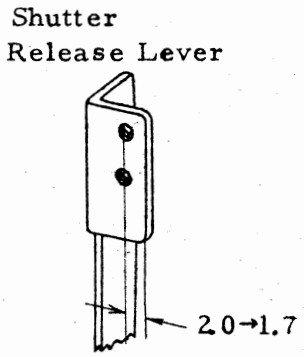
4.1 Details

The following three parts have been changed as shown below in order to prevent them from hitting the convex portion of Canon mark at the inside of Top Cover 19-0531; Shutter Release Plate 13-9135, Shutter Release Lever 19-0562 and Connecting Lever 13-9227.



Connecting Lever





13-9227 13-9227-02 13-9135 13-9135-02 19-0562 19-0562-01

4-2 Repairing Procedure

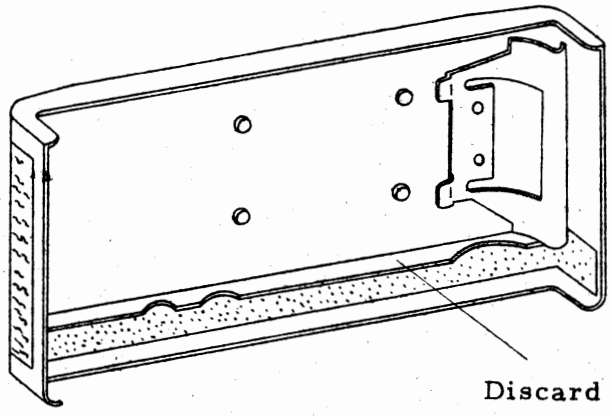
When exchanging Top Cover of the camera in which the old Connecting Lever, Shutter Release Plate and Shutter Release Lever have been incorporated, flatten the convex portion of Canon mark with a file because that portion strikes the above three parts.

Also, even in the camera with new parts, the meter needle (clamp side) may hit "n", the final letter of "Canon", so cut only "n" with a file.

5. Alteration of Back Cover

5.1 Details

For the purpose of design simplification, Inner Frame of Back Cover 19-0532 has been discontinued.



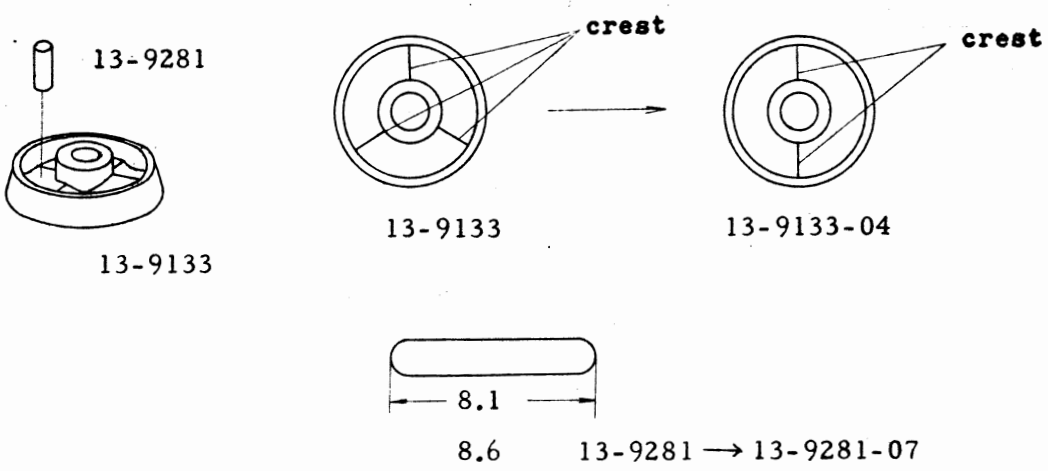
Discard this Inner Frame

When the test of light leakage was preformed after discontinuation of Inner Frame, no problem was found.

6. Alteration of Cam Ring of film feeding indication mechanism

6.1 Details

To actuate the film feeding indication mechanism smoothly, Cam Ring 139133 and Pin 13-9281 have been changed as follows. Previously, there were three crests in Cam of Cam Ring but now it has been changed to two crests. Therefore, when completing one revolution of the old Cam Ring, the film feeding indication plate traverses three times. It traverses two times with the new ring.



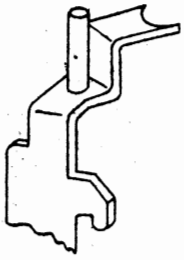
6.2 Repairing Procedure

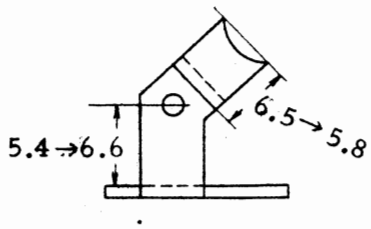
There is no interchangeability between the old and new parts. Stored at the Service Parts Section are both the old and new Pins, and only the new Cam Ring for a while. If an old Cam Ring must be changed to a new one, change the pin also.

7. Alteration of Lock Lever

7.1 Details

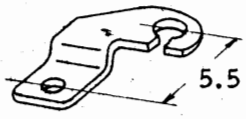
Because a short may be caused on switch Contact 13-9305 of Flash Terminal mounted on the side of Top Cover and Lock Lever 19-0554 the coil spring shaft of Lock Lever has been moved away from the Contact. Simultaneously, Lock Lever Shaft Holder 13-9173 too has been changed.



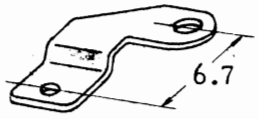


19-0554 → 19-0554-01

Lock Lever Shaft Holder



13-9173



13-9173-02

Discontinued through this alteration are;

Insulator Collar mounted between Lock Lever Shaft Holder 13-9173 and Coil Spring 97-5608, and Insulator Tape stuck on Switch Contact 13-9305 of Flash Terminal.

7.2 Repairing Procedure

There is no interchangeability between the old and new parts. New parts shall be in store at the Service Parts Section. Insulator Collar as well as Insulator Tape should be used for the camera provided with the old parts.

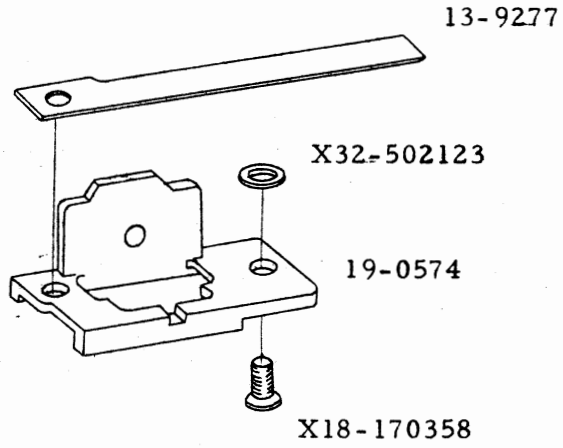
8. Poor opening and closing of Mercury Battery Cover

8.1 Details

When opening Mercury Battery Cover, if it is pushed too far in "OPEN"

direction, the Cover goes between Bottom Cover and Mercury Battery Chamber and Spring 97-7600 weakens, resulting in poor opening and closing. To prevent this, such temporary measure has been taken that through provision of Washer X32-502123 between Main Body and Mercury Battery Chamber, the clearance between Mercury Battery Chamber and Bottom Cover is narrowed so that Mercury Battery Cover does not get in there.

Moreover, for a permanent measure, the Cover shape will be changed.



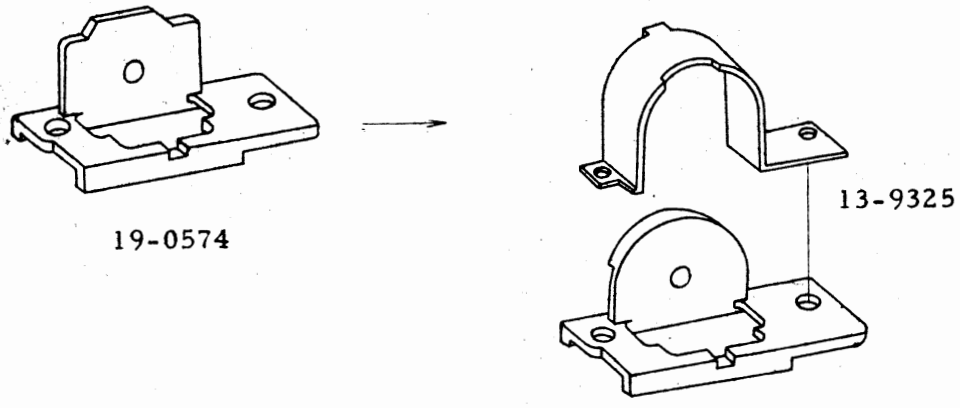
8.2 Repairing Procedure

For the camera whose Mercury Battery Cover works poorly, it is good enough to provide Wahser X32-502123.

9. Alteration of Mercury Battery Chamber

9.1 Details

Mercury Battery Chamber has been changed in shape to prevent light leakage from the Chamber. To ensure further safety, Light Shield 13-9325 has been provided.



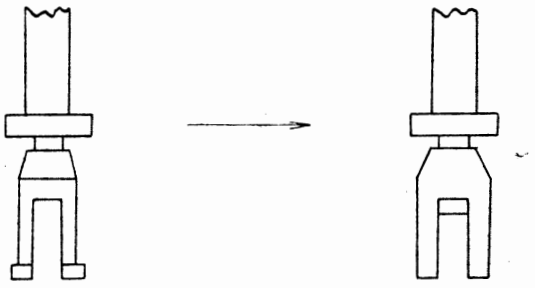
9.2 For repairing

New parts shall be in store at the Service Parts Section.

For the camera with light leakage from its Mercury Battery Chamber, it is enough to put in the new Chamber together with the Light Shield.

10. Alteration of Rewind Fork

10.1 In order to prevent Rewind Fork from being deformed or broken, the Fork has been thickened as shown below to increase its strength. This is a temporary measure.



10.2 For repairing

The new part shall be in store at the Service Parts Section.

If Rewind Fork should be deformed or broken, replace it with the new one.

Canon SERVICE MANUAL REPORT Serial No. AC28-002E

Service Manual C-028

Issued by Service Department, Canon Camera Co., Inc. Date Oct. 1, 1969

Alteration of Cassette Presser of New Canonet QL 17

1. Details

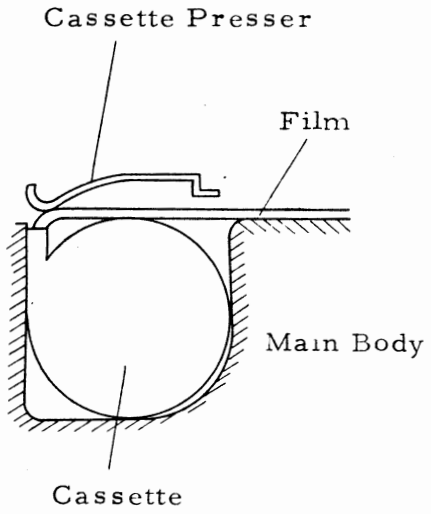
If Rewind Fork should be deformed or broken, Rear Cover will not open. To avoid this, the shape of Cassette Presser has been changed. The Rewind Fork might be deformed or broken by exceptional torque being applied in the film winding and rewinding operations with the Rear Cover closed and the Cassette loaded on Main Body as shown F Figs. 1 and 2.

Such trouble is found often only in the New Canonet QL 17.

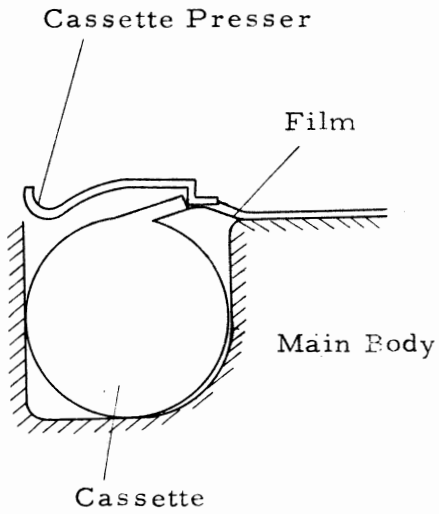
It is deemed attributable to the following:

(1) Because the camera is compact, the film leader section is easily fed too far. In that condition, the user may shut Rear Cover carelessly since he is usually paying attention to QL mechanism.

(2) In other cameras, Cassette turns to the proper position at another winding even if set as shown in Fig. 2, while in New Canonet QL 17, Cassette is caught by Cassette Presser.



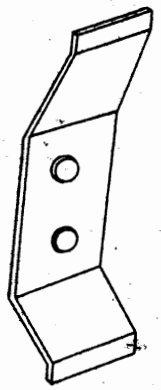
(Fig. 1)



(Fig. 2)

1.1 Temporary procedure

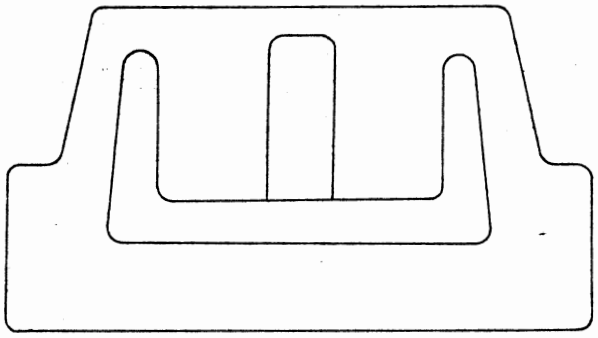
Cassette Presser has been changed to the one for the old Canonet QL so that Cassette is set at the normal position when winding the film in spite of the film outlet of Cassette having hit Cassette Presser. See Fig. 1

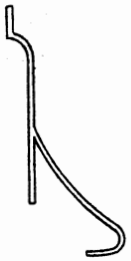


Cassette Presser for old Canonet QL

1.2 Permanent procedure

The shape of Cassette Presser has been changed. By this change, the Rear Cover will be hard to close under the condition Shown in Fig. 1.





Canon SERVICE MANUAL REPORT

Serial No. AC28-003E

Service Manual No. C-028

Issued by Camera Service Department, Canon Inc.

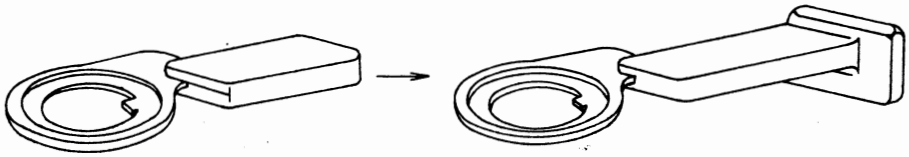
Date NOV. 8 1969

Alteration to the New Canonet QL 17

1. Details

1.1 Change of Winding Lever

When winding the film, you may feel some pain in your thumb, so that portion of the Lever touching your thumb has been changed. By the change, Winding Lever has been lengthened, resulting in obtaining smooth winding.



1.2 Change of Connecting Plate 13-9227

If Connecting Plate 13-9227 should bend, Shutter release position results in being deepened. To prevent this, the Plate has been hardened in the comentation process. The Plate, after hardening, is metallized with BN.

1.3 Change of Screw

Noticeable change is found in Screw because the Service Manual has been renewed. Therefore, the correction is recommended referring to the dismounting drawing supplied.

2. For repairing

New parts shall be in stock at the Service Parts Section.

Moreover, for a strong claim, replacement of the old parts with the new ones is sufficient.

2. For repairing

At the Service Parts Section, Rear Covers in which the temporary measure has been taken shall be in stock until enforcement of the premanent measure.

For a user whose camera has a deformed Winding Fork, a detailed explanation of how to load film should be given.

Moreover, for a big claim, exchange of the Rear Cover is recommended.

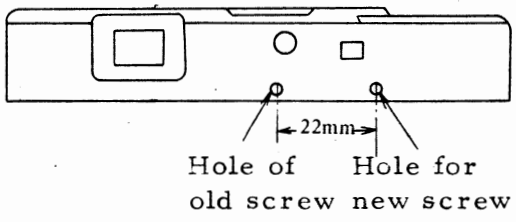
Canon SERVICE MANUAL REPORT Serial No. AC28-004E
Service Manual No. C-028
Issued by Camera Service Department, Canon Inc. Date Nov. 17 1969

Alterations of Top Cover and Mercury Battery Cover of New Cannot QL 17

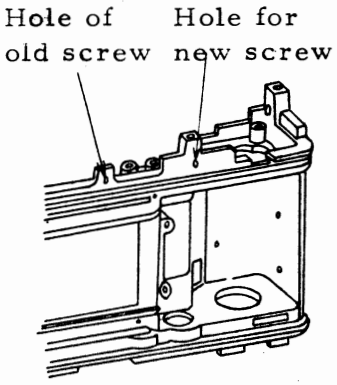
1. Details

1.1 In such cameras it is sometimes found that when Screw (X19-170306) at the rear side of Top Cover (19-0531) is fastened, the range finder dislocates.

This is because that fastening this screw causes the pillar (provided for fastening Screw) of the Main Body to be tugged, resulting in tilting of the range finder mirror. To prevent this, the Screw position has been moved right, as shown in Figure below.



19-0531 ⟶ 19-0531-02

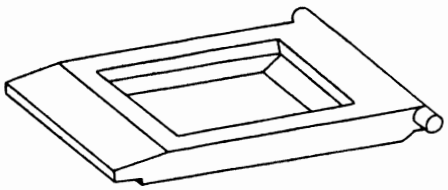


19-0530

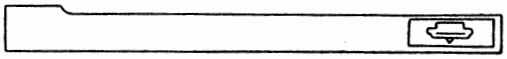
1.2 Change of Mercury Battery Cover

Up to now, the plate marked "OPEN" has been stuck on the Cover but because the plate easily comes off, the Cover shape has been changed and the plate is no longer stuck on the Cover.

Because of this change, no suggestion is provided about how the Battery is inserted. Instructions for insertion and removal have been put on Plate (13-9277).



19-0575 ⟶ 13-9276



13-9277 ⟶ 19-0575

2. Repairing Procedures

2.1 Change of Top Cover

Both old and new parts are not interchangeable.

At the Service Parts Section, old and new Top Covers, and only new Main Body are stocked.

2.2 Change of Mercury Battery Cover

Both old and new parts are interchangeable.

However, the Battery removal plate too should be exchanged whenever the Cover is replaced.

Canon SERVICE MANUAL REPORT Serial No. AC 28-027 E
Service Manual No. C-028
Issued by Camera Service Department, Canon Inc. Date 1971 / 5 / 25

Canon NEW CANONET QL 19 Winding Upper Plate Part Number Change

1. Change

   The Canonet QL 19 has used Winding Upper Plate(19-0534) which was also used on the original New Canonet(1-30801). It now uses Winding Upper Plate(19-0896) used on the New Canonet L(1-30805). This change is possible because the shutter charge index, which is not used on the QL 19, is now attached with a screw instead of riviting(AC28-026E)

2. Classification

   This change is effective from camera body number 212241.

Canon SERVICE MANUAL REPORT Serial No. AC28-030 E

Service Manual No. C-028

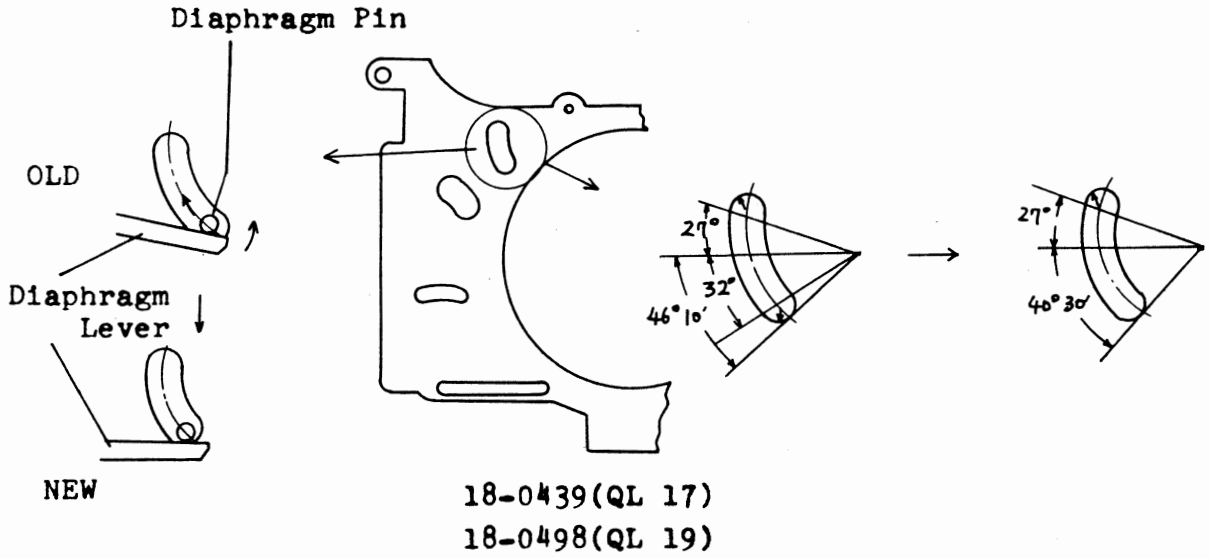
Issued by Camera Service Department, Canon Inc. Date 1971 / 7 / 26

Canon NEW CANONET QL 17, 19 Changes

1. Diaphragm Mechanism

1.1 Change

To improve the function of the meter unit diaphragm lever and the shutter unit diaphragm pin, there start position has been changed.



18-0439(QL 17)
18-0498(QL 19)

1.2 Repair

Old and new parts are normally interchangeable, but some old shutter units will not open fully with the new front panel. All new shutters will work with the old front panel. Camera Service will stock only new parts.

1.3 Classification

QL 17 : From Body No. 565,501
QL 19 : From Body No. 244,581

2. Contact Holder(13-9264)

2.1 Change

The foam plastic insulator [Contact Holder(13-9264)] has been replaced with vinyl tape. See the Repair Manual, pg.. 2.

2.2 Repair

13-9264 will be stocked until the stock is depleted. Use of it or black vinyl tape is optional.

2.3 Classification

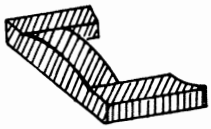
QL 17 : From Body No. 586,621
QL 19 : From Body No. 249,901

3. Film Counter Window

3.1 Change

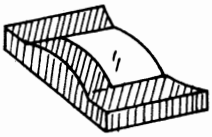
Film Counter Window(13-9280) and Counter Window Frame(13-9330) have been combined into a single part Film Counter Window (13-9280).

OLD NEW



13-9330 deleted

13-9280 changed



13-9280

3.2 Repair

Old and new parts are interchangeable. Camera Service will stock only the new single part which replaces both old parts.

3.3 Classification

QL 17 : From Body No. 620.001
QL 19 : From Body No. 260,001

Canon SERVICE MANUAL REPORT Serial No. AC28-031 E

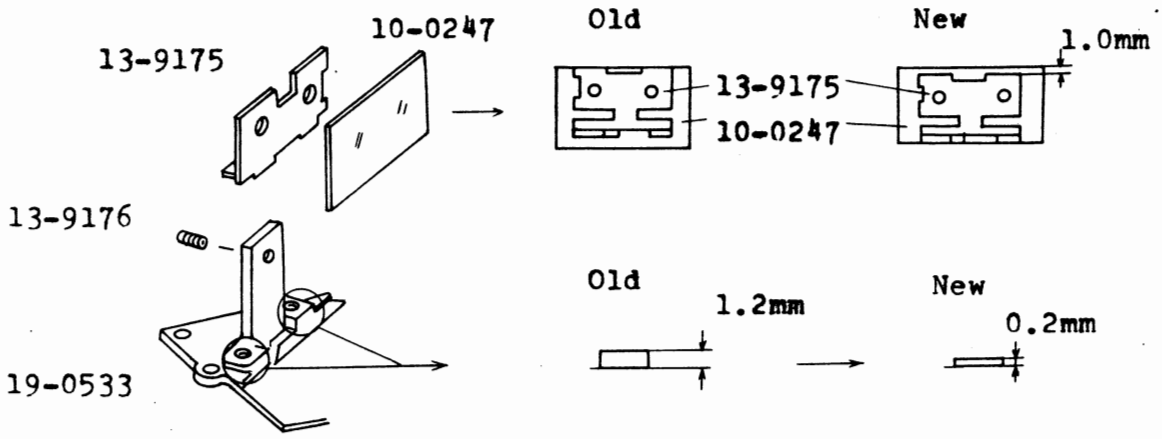
Service Manual No. C-028

Issued by Camera Service Department, Canon Inc. Date 1971 / 7 / 30

Canon NEW CANONET QL 17, QL 19 Rangefinder Mirror Improvement

1. Change

To decrease the pressure on Adjustment Screw(13-9176) so that it does not loosen and change the ∞ adjustment, the Mirror Base(13-9175) mounting position on Finder Box(19-0533) has been lowered 1 mm by making the finder box casting 1mm thinner where the mirror base mounts. This moves the screw farther from the pivot point and lowers the pressure against the screw. The mirror is moved up 1mm on the mirror base so it remains in the same position.



2. Repair Old and new parts are interchangeable providing the mirror is mounted correctly. Camera Service will stock only new parts.

When gluing the mirror to the Mirror Base(13-9175), position the top of the base one millimeter below the top of the mirror when using the new Finder Box(19-0533).

3. Classification

This change is effective from:

QL 17, camera body number 631261

QL 19, camera body number 251561

Canon SERVICE MANUAL REPORT

Serial No. AC 28-034 E

Service Manual No. C-028

Issued by Camera Service Department, Canon Inc.

Date 1971 / 10 / 12

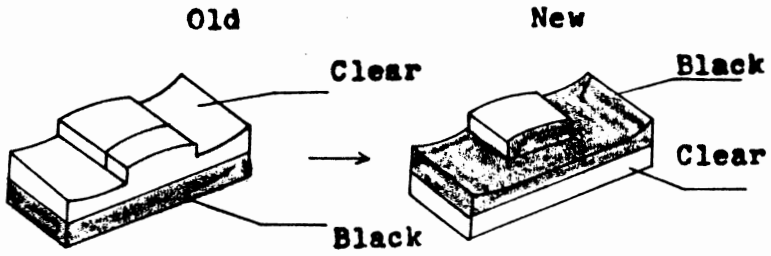
カメラ 71.10.28 H.FER

Canon CANONET QL17, QL19 Changes

1. Counter Window Change

1.1 Change

To improve the apperance and simplify the manufacturing process, Counter Window(13-9280) has been changed by reversing the clear and opaque parts of the window.



1.2 Repair

Old and new parts are interchangeable. Camera Service will stock new parts only, when present stock is deleted.

1.3 Classification

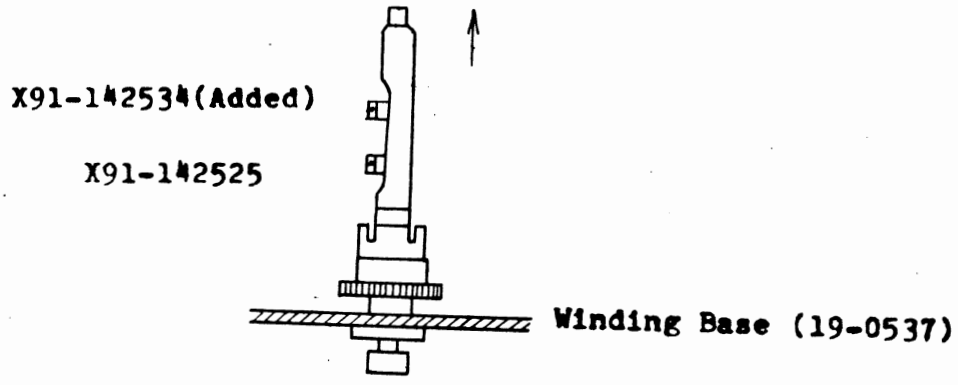
The change is effective from body number:

QL17---659001
QL19---278601

2. Sprocket Key Screw Change

2.1 Change

To prevent frame overlap, one of the two Key Screws(X91-142525) in Rewind Button(13-9130) has been changed. The new Key Screw (X91-142534) has a larger head and is black nickel plated instead of bright nickel.

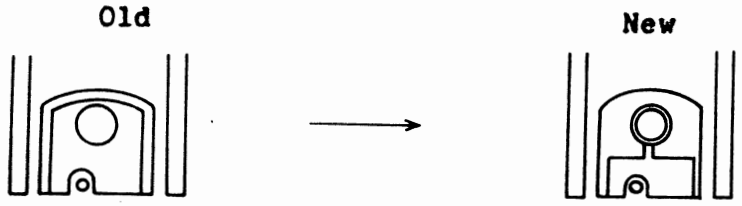


2.2 Repair
Old and new parts are interchangeable. If a camera has an overlap problem, replace the old screw with the new type. Camera Service will stock both type screws and one old and one new screw should be used in each camera.

2.3 Classification
This change is factory installed on cameras from body numbers:

QL17---659621
QL19---280361

3. Flash Terminal Change
3.1 Change
To prevent accidental "open flash" when using direct contact flash units, the shape and material of the insulating part of Flash Terminal(13-9208) has been changed. A raised collar has been added around the syncro terminal. The material has also been changed from ABS to Policarbonate.



3.2 Repair
Old and new parts are interchangeable. Camera Service will stock new parts only.

3.3 Classification
The change is factory installed on cameras from body numbers:

QL17---659621
QL19---279121

Canon SERVICE MANUAL REPORT

Serial No. AC28-035 E

Service Manual No. C-028

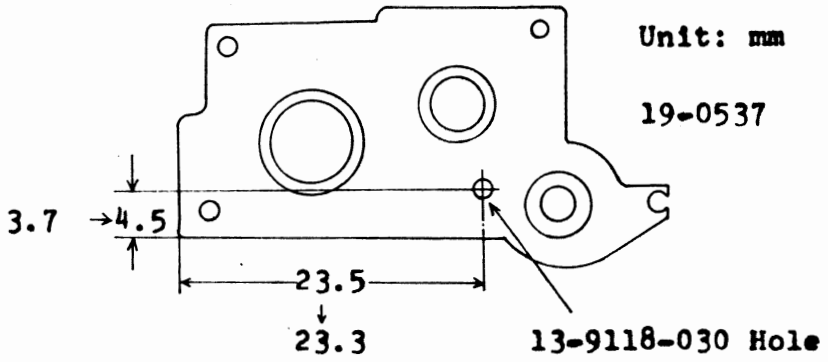
Issued by Camera Service Department, Canon Inc.

Date 1971 / 10 / 20

New Canonet QL 17, QL 19 Winding Base Change

1. Change

Changes have been made so the Ratchet Lever(13-9129) releases more smoothly when the winding lever is advanced after rewind. Ratchet Lever(13-9129) and Winding Base(19-0537) are the only parts effected in the latest change, but there was an earlier change which effected several parts. See the drawings on the next page .



13-9129-030 → 13-9129-050

2. Repair

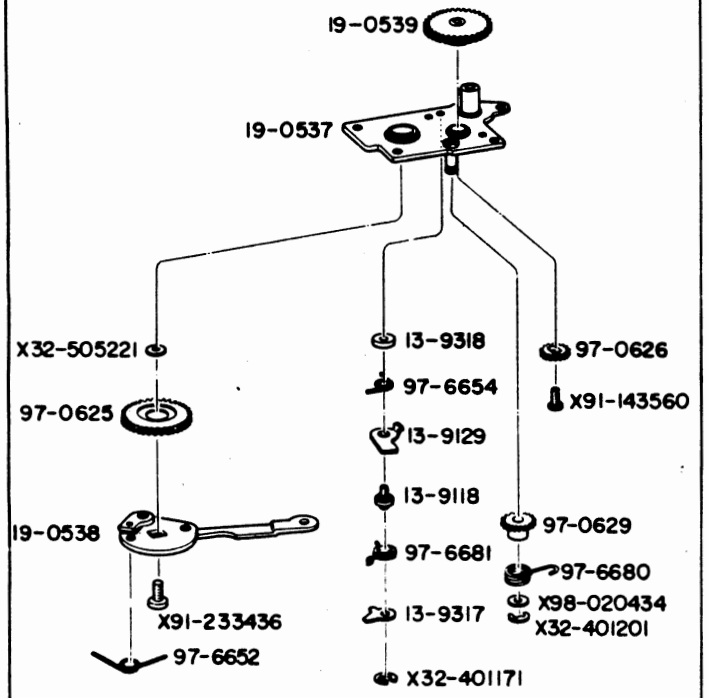
Old and new parts are not interchangeable. The ratchet lever (new type) will not return when used on an old base plate. Camera Service will stock all three ratchet levers. See next page for details.

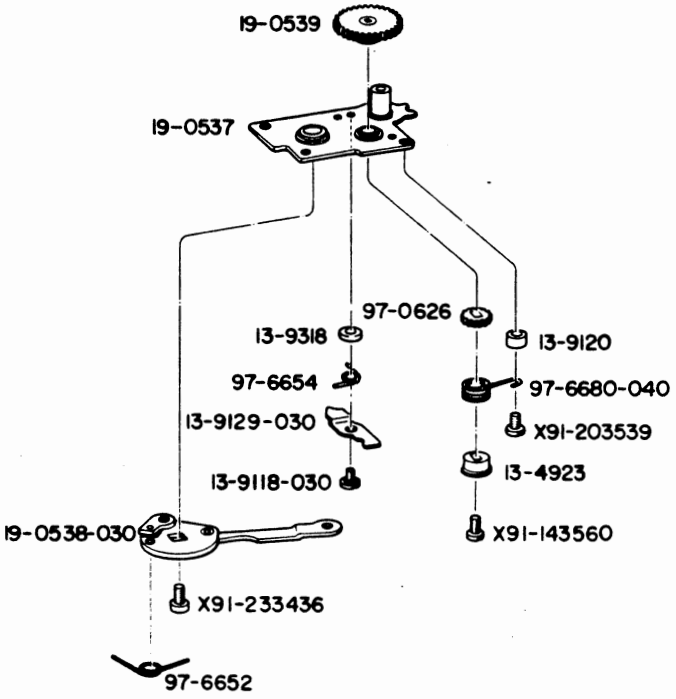
3. Classification

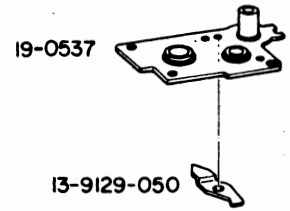
This change is effective from body number:

QL 17 -- 397001

1st Type	2nd Type	3rd Type
QL 17 Body No. 100001～210000	Body No. 210001～397000	Body No. 397001～







Note: Other parts are the same as 2nd type.

Note: Old type 19-0537 is not stocked. Other Parts are all stocked.
If 19-0537 is replaced with the new type, all parts must be changed.

Canon SERVICE MANUAL REPORT

Serial No. AC28-032 E

Service Manual No. C-028

Issued by Camera Service Department, Canon Inc.

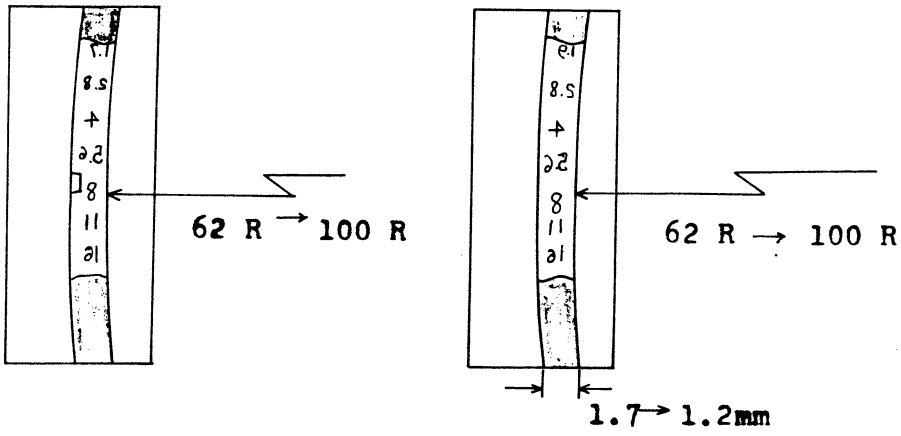
Date 1971 / 11 / 19

71.12.2 H.FER

Canon NEW CANONET QL 17, 19 Finder Improvement

1. Change

To improve appearance of the finder, the information masks have been changed as shown.



QL17 (19-0572)
QL17L(19-0897)

QL19 (19-0717)

2. Repair

Old and new parts are interchangeable. Camera Service will continue to stock old parts until the stock is depleted.

3. Classification

Cameras have new parts from serial numbers:

QL 17 : 640001

QL 19 : 270001

CANON REPAIR MANUAL

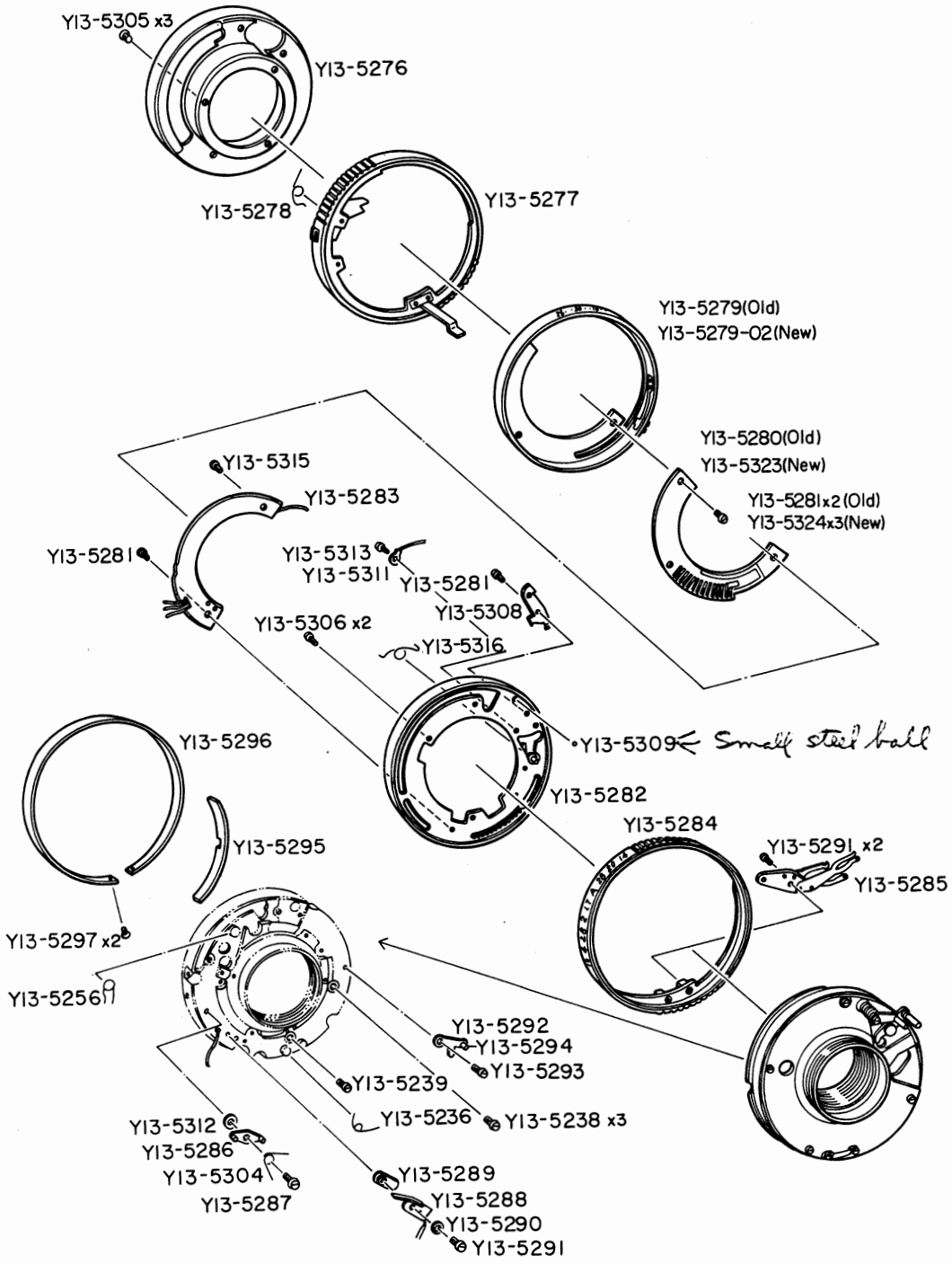
SHUTTER for NEW CANONET QL 17

(REF. NO. 1-30801)

CANON INC. JAPAN

EXPLODED VIEW
of

SHUTTER for NEW CANONET QL 17



NO SCALE

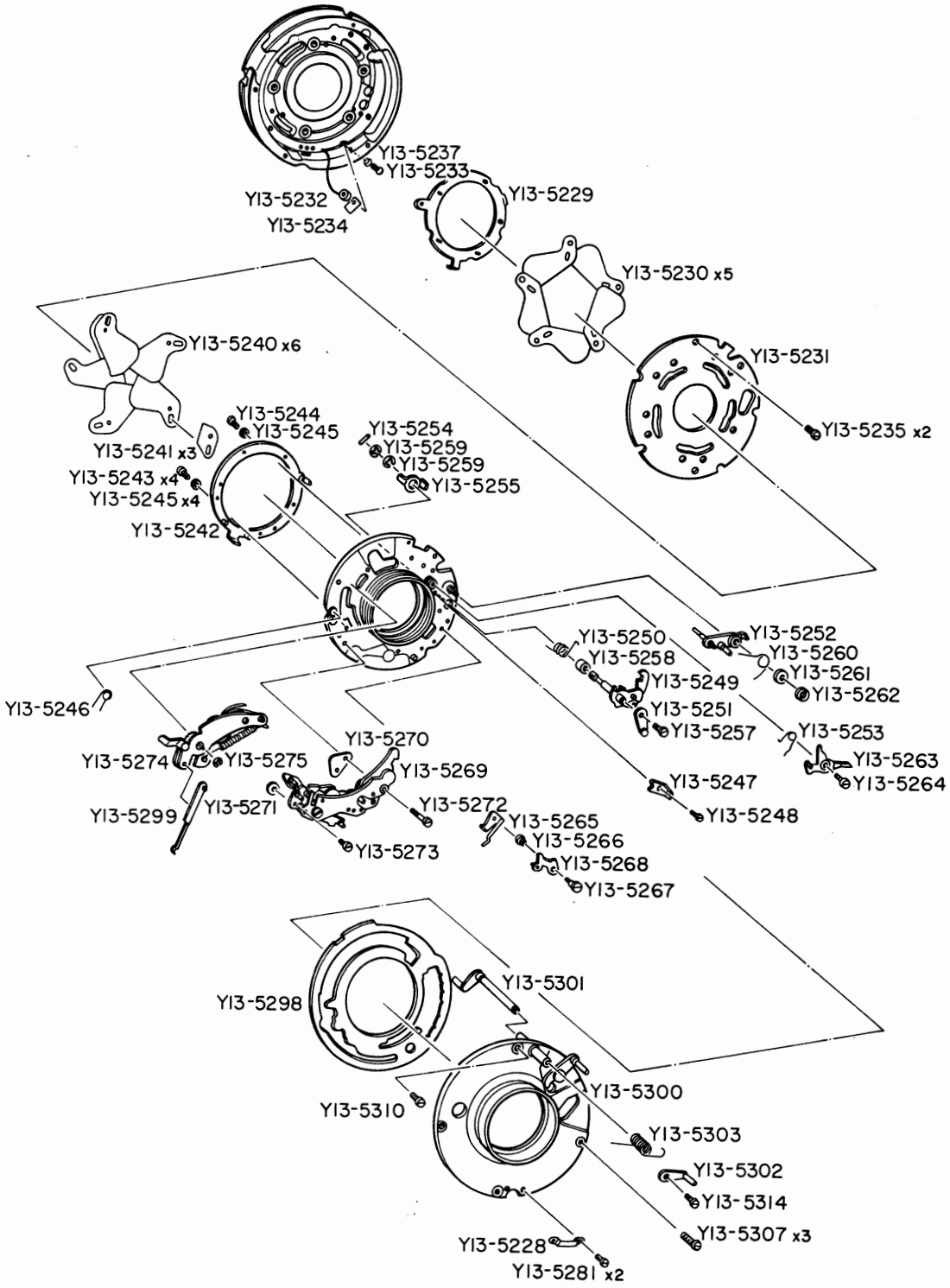
© CANON INC.

PARTS LIST

部品名称	CLASS	PARTS NO.	QTY.	DESCRIPTION
スプリング	E	Y13-5236	1	Spring
ビス	E	Y13-5238	3	Screw
ビス	E	Y13-5239	1	Screw
スプリング	E	Y13-5256	1	Spring
前リング	D	Y13-5276	1	Hood Ring
シャッタースピード環	E	Y13-5277	1	Shutter Speed Ring
スプリング	E	Y13-5278	1	Spring
ASA環	E	Y13-5279	1	Film Speed Ring
抵抗基板	D	Y13-5280	1	Resistor Plate
ビス	E	Y13-5281	4	Screw
指標環	E	Y13-5282	1	Marking Ring
プリント板	E	Y13-5283	1	Print Circuit Plate
絞り環	E	Y13-8284	1	Aperture Scale Ring
接片ユニット	E	Y13-5285	1	Contact Assembly
スイッチレバー	E	Y13-5286	1	Switch Lever
ビス	E	Y13-5287	1	Screw
接片	E	Y13-5288	1	Contact
絶縁板	E	Y13-5289	1	Insulator
絶縁板	E	Y13-5290	1	Insulator
ビス	E	Y13-5291	3	Screw
マニュアルレバー	E	Y13-5292	1	Manual Lever
ビス	E	Y13-5293	1	Screw
調整ビス	E	Y13-5294	1	Adjusting Screw
ダストカバー	E	Y13-5295	1	Dust Cover
ネームプレート	E	Y13-5296	1	Name Plate
ビス	B	Y13-5297	2	Screw
スプリング	E	Y13-5304	1	Spring
ビス	E	Y13-5305	3	Screw
ビス	E	Y13-5306	2	Screw
板スプリング	E	Y13-5308	1	Plate Spring
スチールボール	D	Y13-5309	1	Steel Ball
リード線	E	Y13-5311	1	Lead
ワッシャー	E	Y13-5312	1	Washer
ビス	E	Y13-5313	1	Screw
ビス	E	Y13-5315	1	Screw
スプリング	E	Y13-5316	1	Spring
抵抗基板	D	Y13-5323	1	Resistor Plate
ビス	E	Y13-5324	3	Screw

EXPLODED VIEW
of

SHUTTER for NEW CANONET QL 17



NO SCALE

© CANON INC.

PARTS LIST

部品名称	CLASS	PARTS NO.	QTY.	DESCRIPTION
リード線押え	E	Y13-5228	1	Lead Wire Holder
絞りコントロール環	E	Y13-5229	1	Diaphragm Control Ring
絞り羽根	D	Y13-5230	5	Diaphragm Blade
中間板	E	Y13-5231	1	Blade Retainin g Panel
シンクロリード線	E	Y13-5232	1	Flash Lead Wire
ビス	E	Y13-5233	1	Screw
絶縁テープ	E	Y13-5234	1	Insulator Tape
ビス	E	Y13-5235	2	Screw
絶縁板	E	Y13-5237	1	Insulator
シャッター羽根	D	Y13-5240	6	Shutter Blade
シャッター補助羽根	D	Y13-5241	3	Sub Shutter Blade
シャッター羽根押え	E	Y13-5242	1	Blade Holder
ビス	E	Y13-5243	4	Screw
ビス	E	Y13-5244	1	Screw
ワッシャー	E	Y13-5245	5	Washer
スプリング	E	Y13-5246	1	Spring
テンションストッパー	E	Y13-5247	1	Tension Stopper
ビス	E	Y13-5248	1	Screw
コッキングレバー	E	Y13-5249	1	Main Cocking Lever
スプリング	E	Y13-5250	1	Spring
コッキングレバー	E	Y13-5251	1	Cocking Lever
レリーズレバー	E	Y13-5252	1	Release Lever
スプリング	E	Y13-5253	1	Spring
ピン	E	Y13-5254	1	Pin
絞り固定レバー	E	Y13-5255	1	Aperture Set Lever
ビス	E	Y13-5257	1	Screw
カラー	E	Y13-5258	1	Collar
緊定ワッシャー	E	Y13-5259	1	Retaining Washer
スプリング	E	Y13-5260	1	Spring
ワッシャー	E	Y13-5261	1	Washer
ナット	E	Y13-5262	1	Nut
バルブロックレバー	E	Y13-6263	1	B Lock Lever
ビス	E	Y13-5264	1	Screw
X接片	E	Y13-5265	1	X Contact
絶縁板	E	Y13-5266	1	Insulator
ビス	E	Y13-5267	1	Screw
X接片	E	Y13-5268	1	X Contact
スローガバナー	D	Y13-5269	1	Slow Governor Unit
ワッシャー	E	X13-5270	E	Washer
ワッシャー	E	X13-5271	1	Washer
ビス	E	X13-5272	1	Screw
ビス	E	Y13-5273	1	Screw
セルフタイマー	D	X13-5274	1	Self Timer Unit
緊定ワッシャー	E	X13-5275	1	Retaining Washer
ビス	E	X13-5281	2	Screw
中板	E	X13-5298	1	Inner Panel
クリックスプリング	E	X13-5299	1	Click Spring
後板	E	X13-5300	1	Rear Panel
EE軸	E	Y13-5301	1	EE Shaft
EEレバー	E	Y13-5302	E	EE Lever
スプリング	E	Y13-5303	1	Spring
ビス	E	Y13-5307	3	Screw
ビス	E	Y13-5310	1	Screw
ビス	E	Y13-5314	1	Screw

REF. NO. 1-30801

INDEX OF PARTS NUMBERS

PARTS NO.	PAGE	PARTS NO.	PAGE	PARTS NO.	PAGE	PARTS NO.	PAGE
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Y13-5229	2	Y13-5279	1				
Y13-5230	2	Y13-5280	1				
Y13-5231	2	Y13-5281	1, 2				
Y13-5232	2	Y13-5282	1				
Y13-5233	2	Y13-5283	1				
Y13-5234	2	Y13-5284	1				
Y13-5235	2	Y13-5285	1				
Y13-5236	1	Y13-5286	1				
Y13-5237	2	Y13-5287	1				
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Y13-5239	1	Y13-5299	1				
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Y13-5272	2						
Y13-5273	2						
Y13-5274	2						
Y13-5275	2						
Y13-5276	1						
Y13-5277	1						

CANON REPAIR MANUAL

SHUTTER for CANON BLACK CANONET QL 17

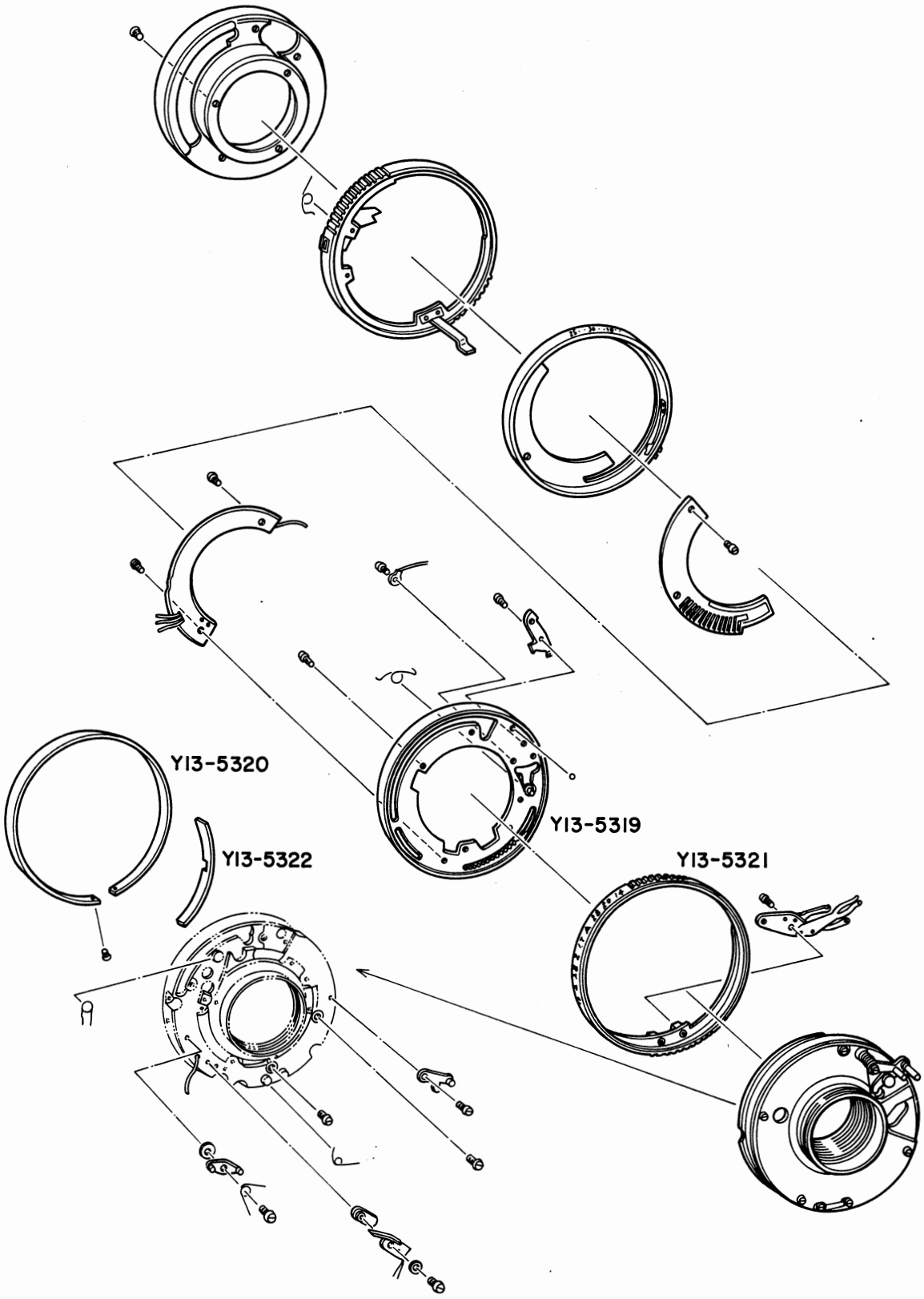
(REF. NO. 1-30802)

CANON INC. JAPAN

EXPLODED VIEW

of

SHUTTER for CANON BLACK CANONET QL 17



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The shutter for the CANON BLACK CANONET QL 17 is the same as the shutter for the CANON CANONET QL 17, with the exception of the parts in this list.

For any parts not listed, refer to the repair manual for the shutter of CANON CANONET QL 17.

PARTS LIST

部品名称	CLASS	PARTS NO.	QTY.	DESCRIPTION
指標環	D	Y13-5319	1	Marking Ring
ネームプレート	C	Y13-5320	1	Name Plate
絞り目盛環	C	Y13-5321	1	Aperture Scale Ring
ダストカバー	D	Y13-5322	1	Dust Cover

FIRST PRINTING, JUNE 1970

CANON REPAIR MANUAL

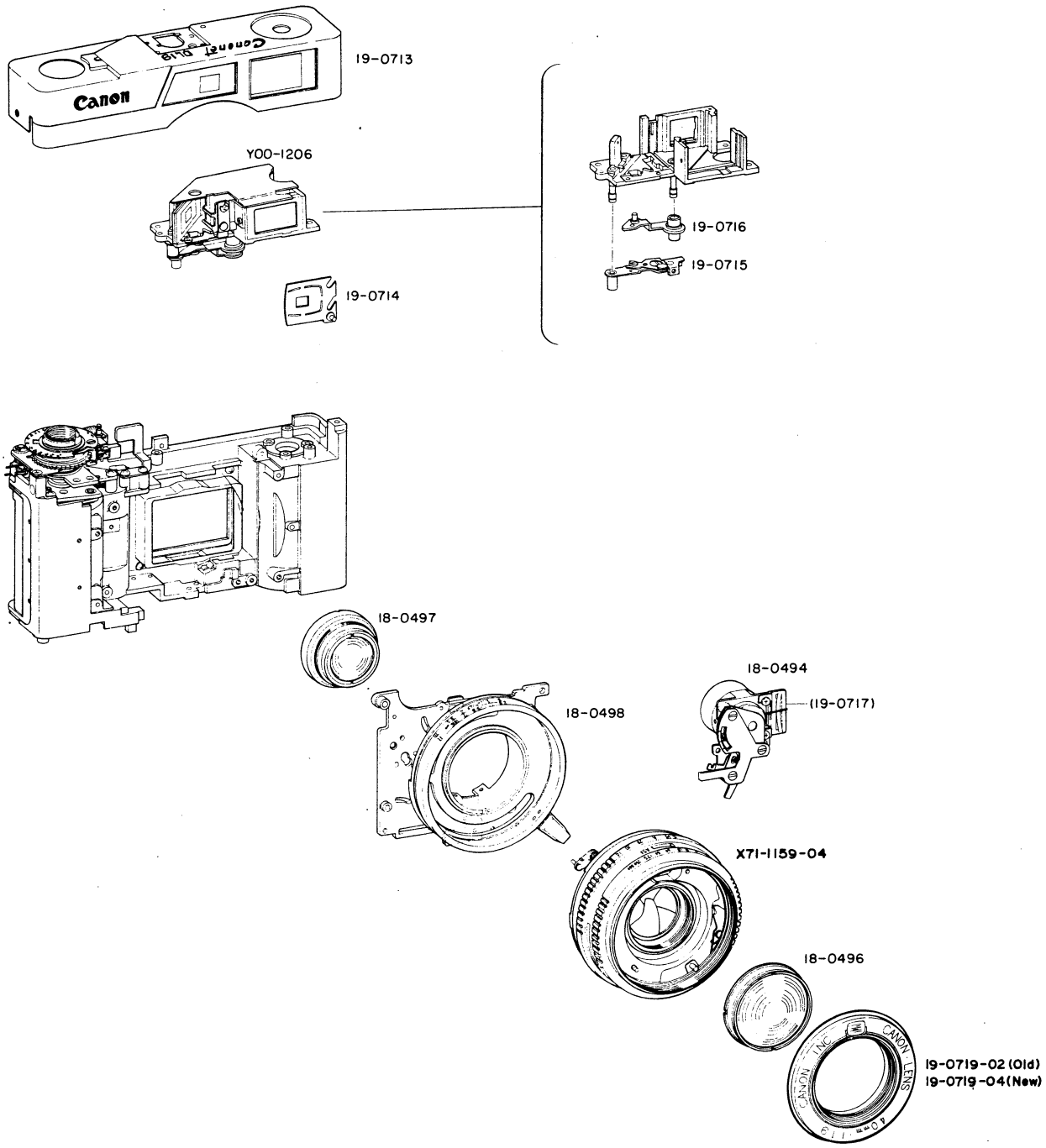
CANON NEW CANONET QL 19

(REF. NO. 1-30811)

CANON INC. JAPAN

EXPLODED VIEW
of

CANON NEW CANONET QL 19



© CANON INC.

Canon Canonet QL 19 is absolutely the product in mechanism as Canon Canonet QL 17 is, we therefore picked up only parts which are used in the Canon Canonet QL 19 for this repaire manual. The rest of the parts as Canon Canonet QL 19, in case if necessary, refer to the repair manual of Canon Cononet QL 17 (1-30801).

PARTS LIST

部品名称	CLASS	PARTS NO.	QTY.	DESCRIPTION
ファインダーユニット	D	Y00-1206	1	View Finder Unit
メーターユニット	C	18-0494	1	Exposure Lens Unit
前玉ユニット	C	18-0496	1	Front Lens Unit
後玉ユニット	C	18-0497	1	Rear Lens Unit
前板ユニット	D	18-0498	1	Front Panel Unit
上部カバー	C	19-0713	1	Top Cover
ファインダーマスク	C	19-0714	1	Finder Mask
バネ板	E	19-0715	1	Spring Lever
連動レバー	E	19-0716	1	Connecting Lever
絞り目盛板	D	19-0717	1	Aperture Scale Plate
ネーム環	C	19-0719	1	Name Ring
シャッター	C	X71-1159	1	Shutter

CANON REPAIR MANUAL

SHUTTER for CANON NEW CANONET QL 19

(REF. NO. 1-30811)

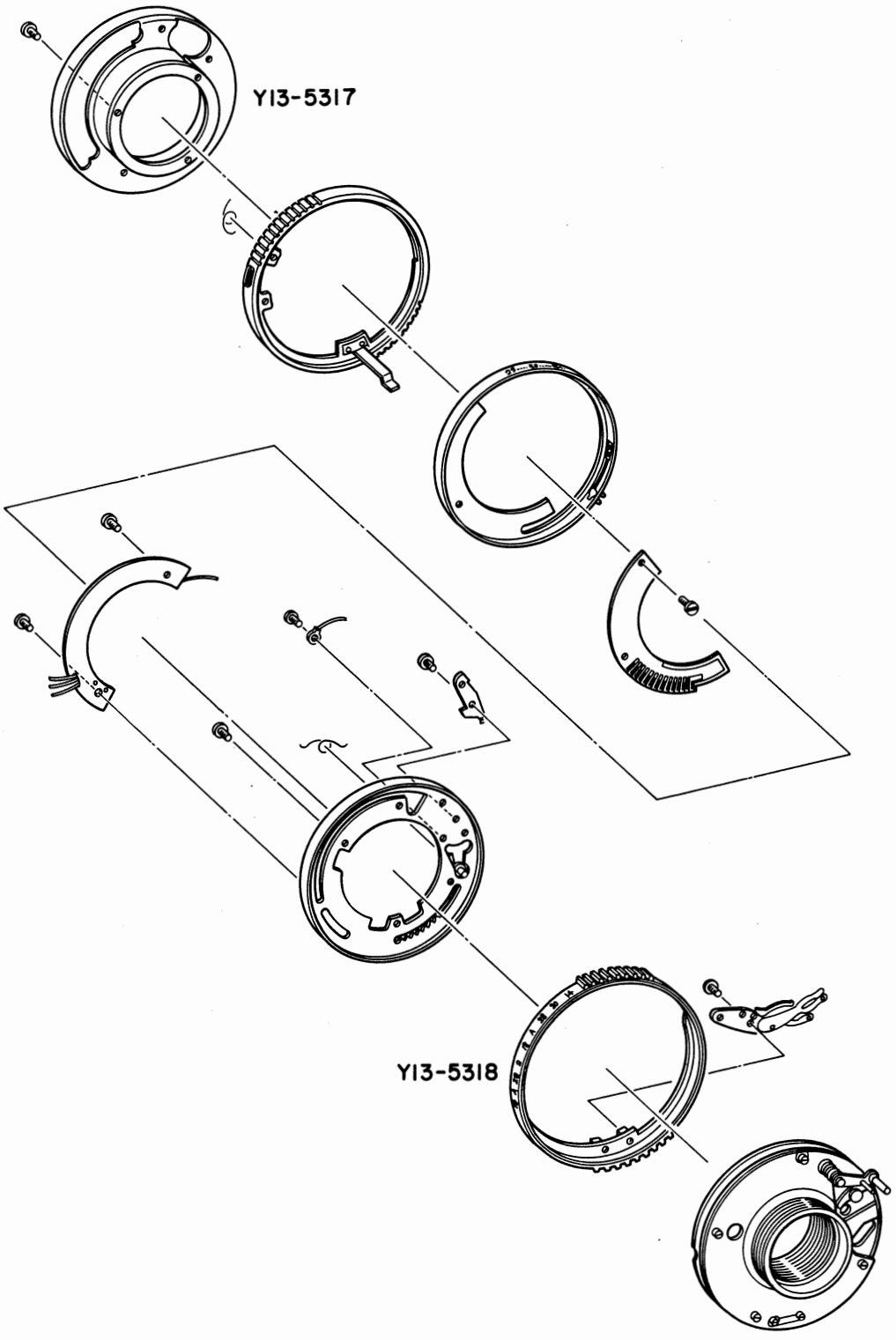
CANON INC. JAPAN

REF. NO. 1-30811

EXPLODED VIEW

of

SHUTTER for CANON NEW CANONET QL 19



© CANON INC. JAPAN

The shutter for the CANON NEW CANONET QL 19 is the same as the shutter for the CANON NEW CANONET QL 17, with the exception of the parts in this list.

For any part not listed, refer to the repair manual for the shutter of CANON NEW CANONET QL 17.

PARTS LIST

Y13-5317	Front Ring
Y13-5318	Shutter Speed Ring

CANON GENERAL

NEW CANONET 28

(REF. NO. 1-30821)

CANON INC. JAPAN

1. General

This camera is a popular priced addition to the New Canonet line, whose Lens, Shutter and other parts have been simplified from the New Canonet QL 17 and 19. The combination of C. A. T. system, Canolite D and program EE enables you to take photographs easily day or night.

This New Canonet 28 recently put on sale, is a very compact camera, handy for youths and women.

2. Techical specifications

2.1 Lens

2.1.1 Focal length and aperture ratio:

40mm 1:2.8 (Canonet 2.8, Canonet EE, Canomatic m70)

Composed of 4 lenses in 3 groups

Angle of view: Diagonal: 57° Horizontal: 48°

Perpendicular: 33°

2.1.2 Focus: Coupled Range Finder helicoid focusing.

Rotation: $\infty \rightarrow$ 0.8m : 41°

2.1.3 Distance scale:

m	∞	5	3	2	1.5	1	0.8
ft		20	10	5		3	

2.2 Shutter: Copal No. 000 mechanical shutter X contact (1/30)

No Selftimer

Shutter speed: 1/30~1/620 sec (AUTO)

2.3 View finder

2.3.1 Model: Range Finder-equipped bright frame finder

Magnification: 0.6 X

2.3.2 Finder infomation: Exposure warning mark, Shutter speed and bright frame line Parallax: compensation Mark system

2.4 Exposure system

2.4.1 Model: Program EE system with CdS
When AUTO is disengaged, aperture can be selected from f/2.8 to 16.
Shutter speed is 1/30.

2.4.2 EE coupling range: ASA 400. 1/30 sec. f/2.8~ASA 25. 1/620 sec. f/14.5
(At ASA 100, brightness is EV 8~17.)
With light conditions outside the EE coupling range, the shutter button is locked.

2.4.3 Meter average field angle:
70°

2.4.4 Filter exposure Factor:
Automatic compensation

2.4.5 Power source: One H-D mercury battery:
H-D { M20 / 625

2.5 Flash system

2.5.1 Cordless contact (also equipped with aperture control contact)

2.5.2 Auto flash: Using the Canolite D, perfect auto flash of variable aperture system is obtained in AUTO.
When other flashes are attached to the camera, auto flash is not usable, so the Manual Diaphragm Unit is used.
When it is beyond the connecting rage of Canolite D, the Meter needle goes into the red warning mark and the Shutter release is locked.

2.6 Body

2.6.1 Film loading: Same as the F-1; multislit film spool

2.6.2 Film winding: Single stroke lever
Rachet winding impossible
Winding angle: 127° Reserve angle: 6°
Continuous feeding mechanism from S to 1.

2.6.3 Built-in film supply and feed indicator

2.6.4 Film counter: Regular counting system, one frame feed,
Automatic return system

2.6.5 Operation of Rear cover:
Hinged, Opened by pulling up the film rewind knob.

2.6.6 Accessory shoe: Cordless contact system
Equipped with Aperture control contact

2.6.7 Tripod screw: CU 1/4

2.6.8 Size and weight: 120 x 75 x 61 mm, 540g

3. Related parts

3.1 Lens cap

3.2 Hood (Canonet Hood 4)

3.3 Filter (48mm screw-in filter)

3.4 Speedlite (Canolite D and Speedlite 102)
Adapter necessary for 102

3.5 Flash (J-2, J-3, Quit D, Cube D)
Adapter necessary for J-2, J-3

3.6 Cordless shoe adaptor

3.7 Cable release (Release 30 and 50)

3.8 Leather case

3.9 Neck strap (Neck strap 4)

3.10 Auto-up (tentative)

4. Detailed specifieations

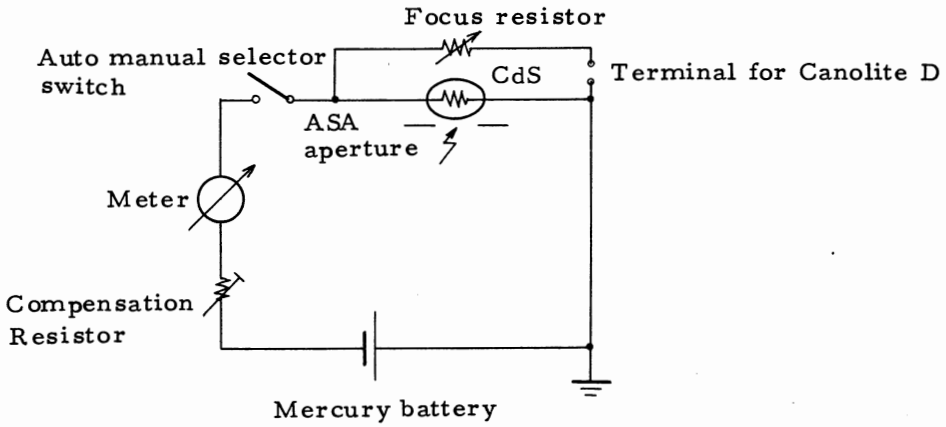
4.1 EE mechanism and Auto flash

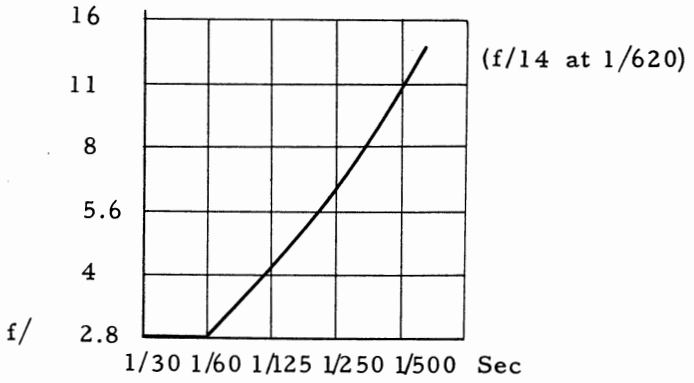
The New Canonet 28 has a program EE system in which a single Shutter speed and Aperture are combined for each EV. It is an orthodox EE mechanism which permits automatic exposure setting by a 2 step per EV saw tooth which clamps the meter needle. The circuit diagram and shutter program chart are at the end of this section.

The camera, as New Canonet QL 17 and 19, is so constructed that the Shutter cannot be released when the Meter needle is whithin the red warning mark (low or high brightness). Auto flash is available only by using the Canolite D, and when other flashes are attached, the Manual Diaphragm Unit must be used, disengaging AUTO. Where the Manual Diaphragm Unit is used, the shutter speed is automatically set to 1/30 sec.

Connection with Canolite D is exactly the same as in QL 17 and 19 in principle; however, the camera differs from QLs in the following respects; selection of Shutter speed is decided by varying the Aperture at the front of Cds in EE photography and by changing the distance resistor in auto flash. Also the Meter needle in the Finder swings in the opposite direction to the QL 17 and 19's and the needle moves from lower to higher position as Canolite D is charged. When it is beyond the coupling range of Canolite D, the meter needle goes into the lower red warning mark and the Shutter cannot be released. The needle works within about the lower half of the scale, moreover, when auto flash is in operation, the needle does not indicate the actual shutter speed in use.

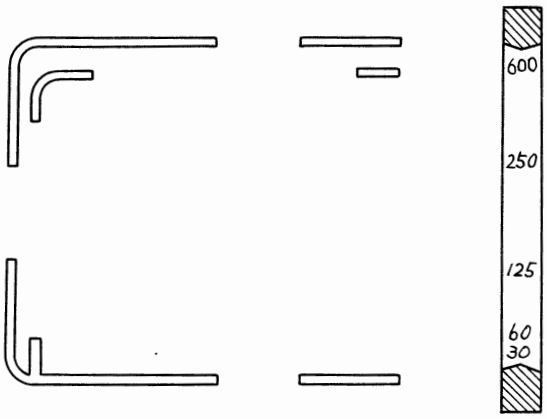
Circuit diagram of EE-Autoflash





Shutter Program Graph

View Finder New Canonet 28



CANON REPAIR MANUAL

CANON NEW CANONET 28
(REF. NO. 1-30821)

CANON INC. JAPAN

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18-0547 - BACK COVER ASS'Y
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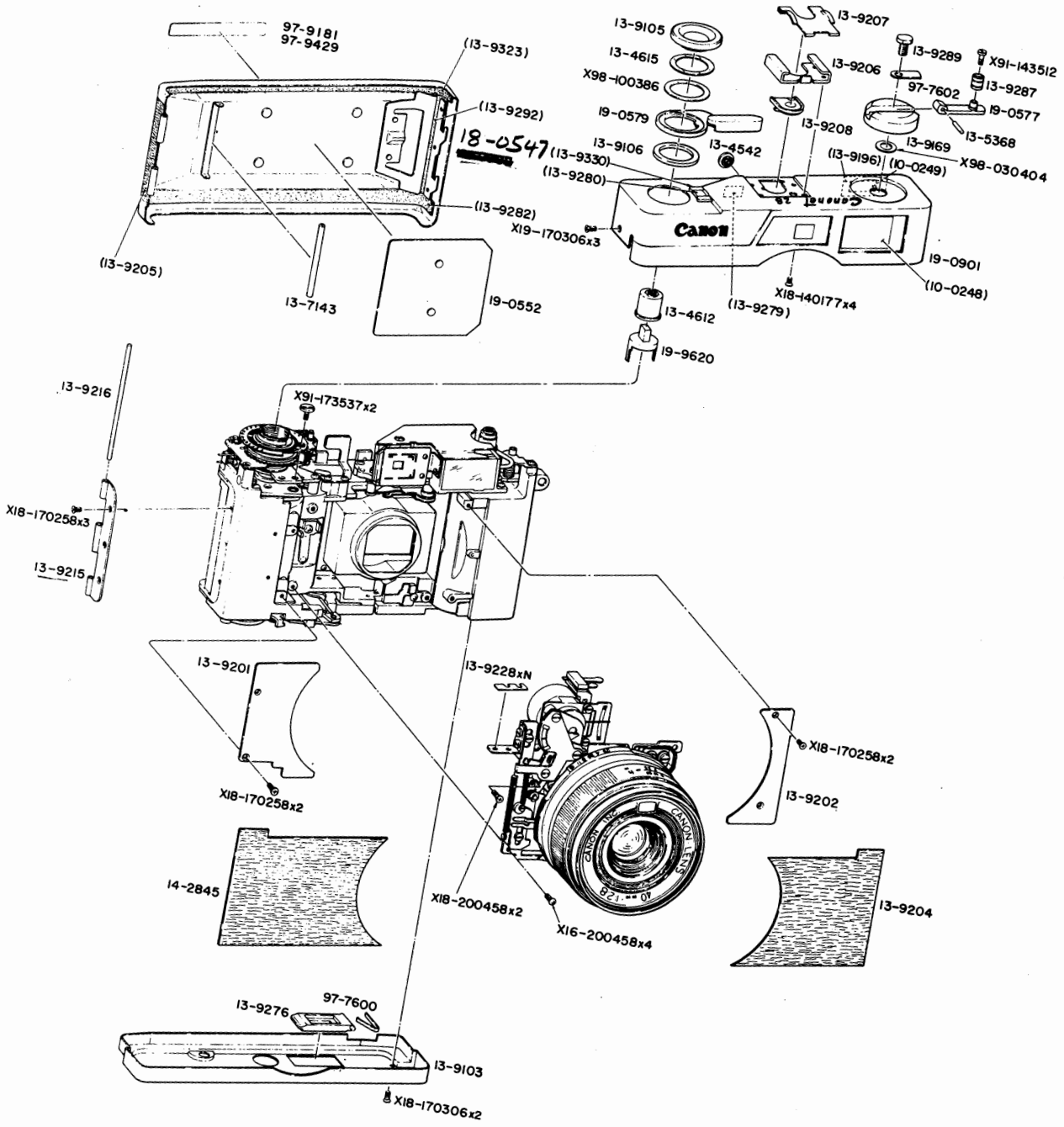

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PARTS LIST

TOP COVER, BASE COVER & BACK COVER
上部カバー　　下部カバー　　裏ぶた

部品名称	CLASS	PARTS NO.	QTY.	DESCRIPTION
前面ガラス	C	10-0248	1	Front Glass
接眼レンズ	C	10-0249	1	Eye piece Lens
キャップ	D	13-4542	1	Cap
シャッターボタン	C	13-4612	1	Shutter Button
波ワッシャー	B	13-4615	1	Washer
ピン	C	13-5368	1	Pin
ローラー	C	13-7143	1	Roller
下部カバー	C	13-9103	1	Base Cover
シャッターボタンリング	B	13-9105	1	Shutter Button Guard
ワッシャー	C	13-9106	1	Washer
巻戻しノブ	C	13-9169	1	Rewind Knob
接眼レンズ枠	C	13-9196	1	Eyepiece Lens Frame
前カバー	D	13-9201	1	Front Cover
前カバー	D	13-9202	1	Front Cover
レザー	A	13-9204	1	Leather
レザー	A	13-9205	1	Leather
アクセサリーシュー	D	13-9206	1	Accessory Shoe
アクセサリーシューカバー	B	13-9207	1	Accessory Shoe Cover
シンクロターミナル	D	13-9208	1	Connect Flash Terminal
蝶番	C	13-9215	1	Hinge
蝶番軸	C	13-9216	1	Shaft of Hinge
調整ワッシャー	C	13-9228	N	Adjusting Washer
電池室蓋	B	13-9276	1	Battery Box Cover
フィルム送り指標窓	C	13-9279	1	Film Feed Index Window
カウンター窓	C	13-9280	1	Counter Window
庶光別珍	B	13-9282	1	Light Shield
クランク座	C	13-9287	1	Rewind Crank Head
ビス	B	13-9289	1	Screw
庶光別珍	B	13-9292	1	Light Shield
庶光別珍	B	13-9323	1	Light Shield
カウンタ窓枠	C	13-9330	1	Counter Window Frame
レザー	A	14-2845	1	Leather
圧着板	B	19-0552	1	Pressure Plate
巻戻しクランク	C	19-0577	1	Rewind Crank
巻上げレバー	B	19-0579	1	Winding Lever
上部カバー	D	19-0901	1	Top Cover
裏ぶた	D	~~19-0902~~	1	Back Cover 18-0547
シャッターボタン座	C	19-9620	1	Shutter Button Base
板スプリング	B	97-7600	1	Plate Spring
板スプリング	D	97-7602	1	Plate Spring
NO. プレート(日本)	E	97-9181	1	No. Plate (Japan)
NO. プレート(台湾)	E	97-9429	1	No. Plate (Taiwan)
十字ナベビス		X16-200458	4	Screw
十字皿ビス		X18-140177	4	Screw
十字皿ビス		X18-170258	7	Screw
十字皿ビス		X18-170306	2	Screw
十字皿ビス		X18-200458	2	Screw
十字丸皿ビス		X19-170306	3	Screw
平ビス		X91-143512	1	Screw
平ビス		X91-173537	2	Screw
ワッシャー		X98-030404	1	Washer
ワッシャー		X98-100386	1	Washer

EXPLODED VIEW
of
CANON NEW CANONET 28

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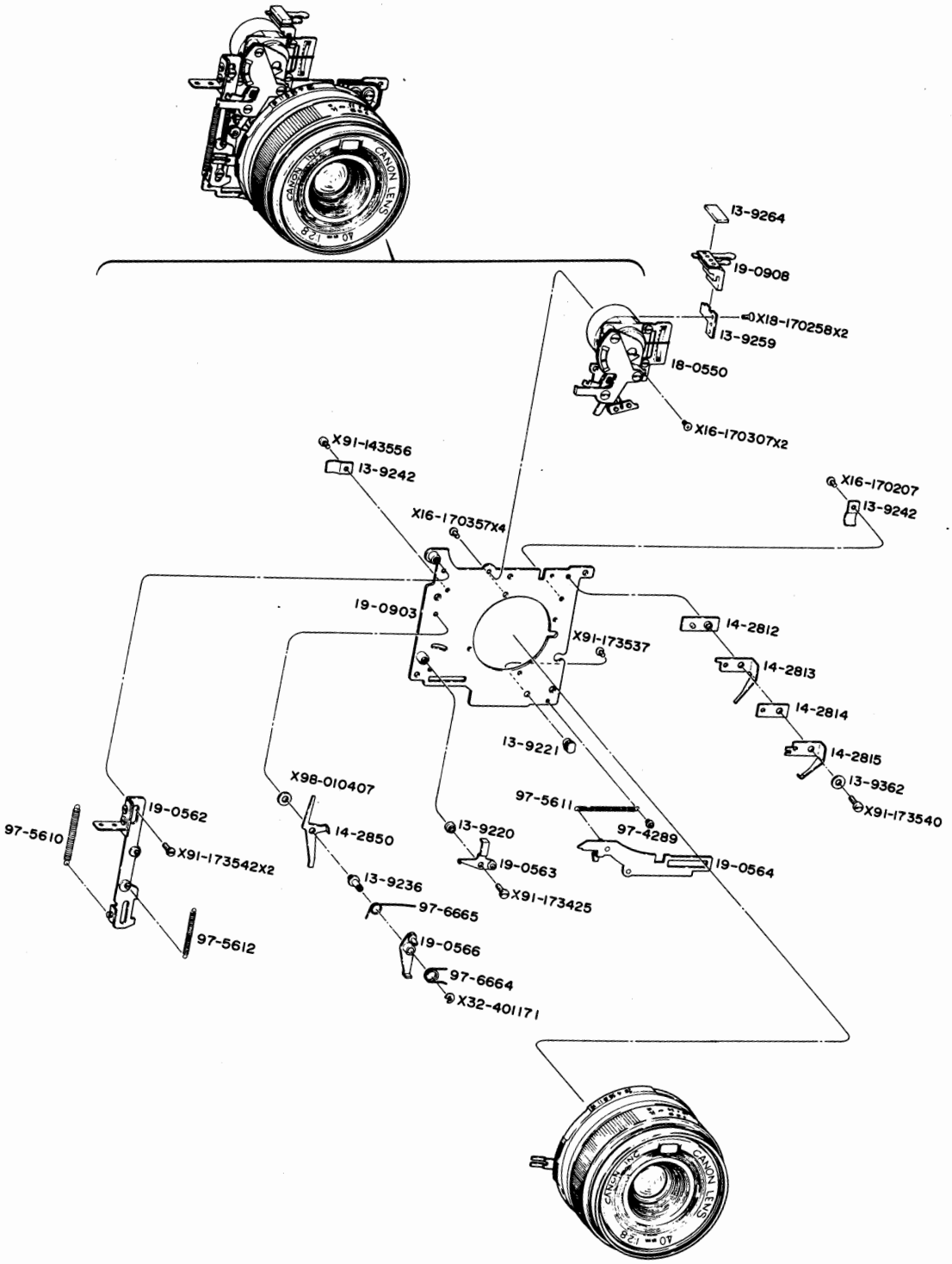

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PARTS LIST

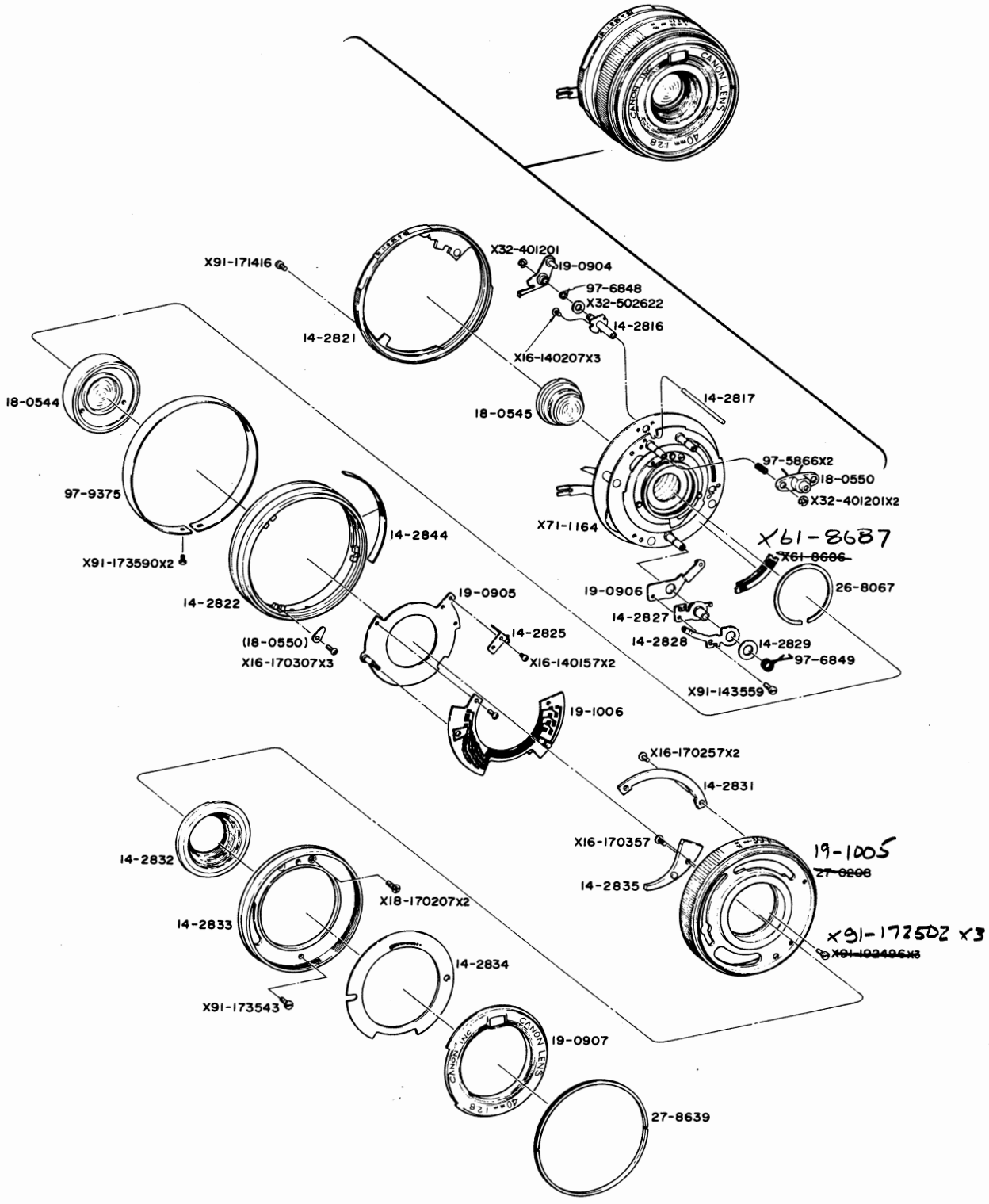
FRONT PANEL PARTS
前 板 部

部品名称	CLASS	PARTS NO.	QTY.	DESCRIPTION
カラー	C	13-9220	1	Collar
ナット	C	13-9221	1	Nut
ロックレバー軸	D	13-9236	1	Shaft
コード押え	C	13-9242	2	Cord Holder
接片指示板	C	13-9259	1	Contact Supporter
モルトプレーン	C	13-9264	1	Contact Holder
絶縁ワッシャー	C	13-9362	1	Washer
絶縁板	C	14-2812	1	Insulator
接片	C	14-2813	1	Contact
絶縁板	C	14-2814	1	Insulator
接片	C	14-2815	1	Contact
ロックレバー	C	14-2850	1	Lock Lever
メーターユニット	B	18-0550	1	Exposure Meter Unit
シャッターレバー	C	19-0562	1	Shutter Release Lever
巻止めはずレ	C	19-0563	1	Stopper Remove Lever
シャッターチャージレバー	D	19-0564	1	Shutter Charge Lever
シャッターロックレバー	D	19-0566	1	Shutter Lock Lever
前板	D	19-0903	1	Front Panel
接片	C	19-0908	1	Contact
ビス	C	97-4289	1	Screw
コイルスプリング	C	97-5610	1	Coil Spring
コイルスプリング	C	97-5611	1	Coil Spring
コイルスプリング	C	97-5612	1	Coil Spring
スプリング	C	97-6664	1	Spring
スプリング	C	97-6665	1	Spring
十字ナベビス		X16-170207	1	Screw
十字ナベビス		X16-170307	2	Screw
十字ナベビス		X16-170357	4	Screw
十字皿ビス		X18-170258	2	Screw
緊定ワッシャー		X32-401171	1	Retaining Washer
平ビス		X91-143556	1	Screw
平ビス		X91-173425	1	Screw
平ビス		X91-173537	1	Screw
平ビス		X91-173540	1	Screw
平ビス		X91-173542	2	Screw
ワッシャー		X98-010407	1	Washer

EXPLODED VIEW

of

CANON NEW CANONET 28



PARTS LIST

LENS PARTS & SHUTTER
レンズ部　　シャッター

部品名称	CLASS	PARTS NO.	QTY.	DESCRIPTION
ピンメタル	B	14-2816	1	Pin Metal
ピン	C	14-2817	1	Pin
絞り環	C	14-2821	1	Aperture Ring
飾り環	C	14-2822	1	Cover Ring
ASA切換レバー	D	14-2825	1	ASA Change Lever
接片絶縁軸	C	14-2827	1	Insulator Shaft
接片	C	14-2828	1	Contact
絶縁ワッシャー	C	14-2829	1	Washer
カム	D	14-2831	1	Cam
飾り環	C	14-2832	1	Ring
鏡頭	C	14-2833	1	Front Ring
絞り板	C	14-2834	1	Diaphragm Plate
抵抗切換レバー	C	14-2835	1	Resistor Change Lever
ASAカバー	C	14-2844	1	ASA Cover
前玉ユニット	C	18-0544	1	Front Lens Unit
後玉ユニット	C	18-0545	1	Rear Lens Unit
メーターユニット	B	18-0550	1	Exposure Meter Unit
固定レバー	C	19-0904	1	Lever
ASAプレート	D	19-0905	1	ASA Plate
連動レバー	C	19-0906	1	Lever
ネーム環	C	19-0907	1	Name Ring
プリント板ユニット	C	19-1006	1	Resistor Plate Unit
割ワッシャー	B	26-8067	1	Snap Washer
距離環	C	27-0208	1	Focusing Ring
押え環	C	27-8639	1	Assembly Collar
コイルスプリング	C	97-5866	2	Coil Spring
スプリング	C	97-6848	1	Spring
スプリング	C	97-6849	1	Spring
ASAリング	D	97-9375	1	ASA Ring
十字ナベビス		X16-140157	2	Screw
十字ナベビス		X16-140207	3	Screw
十字ナベビス		X16-170257	2	Screw
十字ナベビス		X16-170307	3	Screw
十字ナベビス		X16-170357	1	Screw
十字ナベビス		X18-170207	2	Screw
緊定ワッシャー		X32-401201	3	Retaining Washer
ワッシャー		X32-502622	1	Washer
プリント板		X61-8686	1	Printed Circuit Board
シャッター	D	X71-1164	1	Shutter
平ビス		X91-143559	1	Screw
平ビス		X91-171416	1	Screw
平ビス		X91-173543	1	Screw
平ビス		X91-173590	2	Screw
平ビス		X91-192496	3	Screw

EXPLODED VIEW
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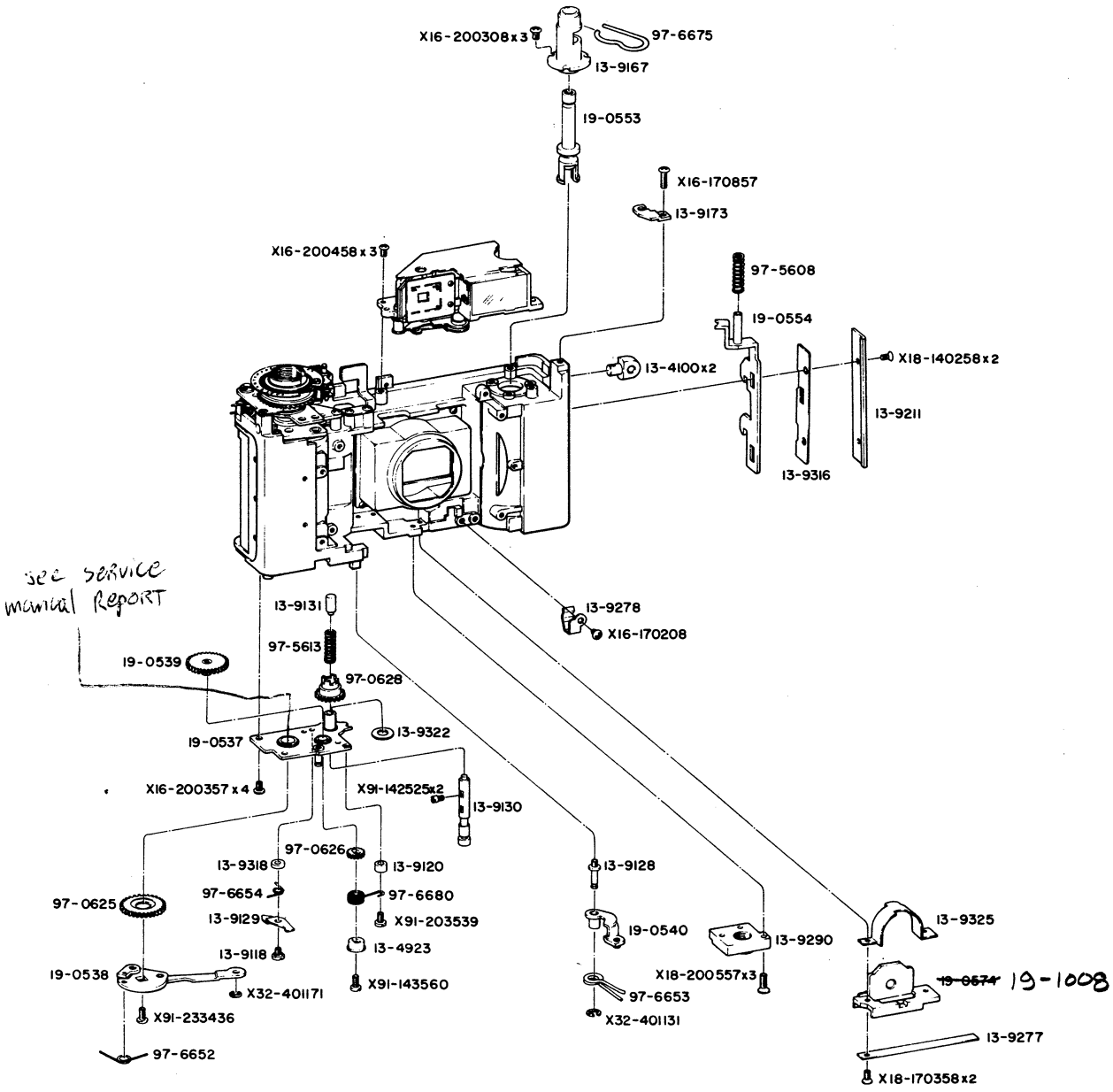

see service manual Report

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PARTS LIST

WINDING BASE & VIEW FINDER
巻上げ地板　　距離計

部品名称	CLASS	PARTS NO.	QTY.	DESCRIPTION
吊環	C	13-4100	2	Neck Strap Catch
スプリング受け	C	13-4923	1	Spring Holder
スタッド	C	13-9118	1	Stud
カラー	C	13-9120	1	Coller
チャージバネ軸	D	13-9128	1	Charge Spring Shaft
ラチェットレバー	C	13-9129	1	Ratchet Lever
巻戻しボタン	D	13-9130	1	Rewind Button
バネ受け	C	13-9131	1	Spring Catch
巻戻しメタル	C	13-9167	1	Rewind Metal
軸受け	C	13-9173	1	Shaft Holder
ロックレバーカバー	C	13-9211	1	Lock Lever Cover
水銀電池はずし	C	13-9277	1	Battery Tack Out Plate
電池接片	C	13-9278	1	Buttery Contact
三脚取り付けネジ	D	13-9290	1	Tripod Socket
スペーサー	D	13-9316	1	Spacer
ワッシャー	C	13-9318	1	Washer
ワッシャー	C	13-9322	1	Washer
バッテリーカバー	D	13-9325	1	Battery Cover
巻上げ下地板	C	19-0537	1	Winding Base
巻上げ爪	C	19-0538	1	Winding Pawl
中間ギャー	C	19-0539	1	Inner Gear
チャージレバー	D	19-0540	1	Shutter Charge Lever
巻戻しフォーク	B	19-0553	1	Rewind Fork
ロックレバー	D	19-0554	1	Lock Lever
水銀電池室	D	19-0574	1	Battery Box
巻上げギャー	D	97-0625	1	Winding Gear
アイドルギャー	D	97-0626	1	Idle Gear
スプロケットギャー	D	97-0628	1	Sprocket Gear
コイルスプリング	C	97-5608	1	Coil Spring
コイルスプリング	C	97-5613	1	Coil Spring
スプリング	C	97-6652	1	Spring
スプリング	C	97-6653	1	Spring
スプリング	D	97-6654	1	Spring
スプリング	C	97-6675	1	Spring
スプリング	C	97-6680	1	Spring
十字ナベビス		X16-170208	1	Screw
十字ナベビス		X16-170857	1	Screw
十字ナベビス		X16-200308	3	Screw
十字ナベビス		X16-200357	4	Screw
十字ナベビス		X16-200458	3	Screw
十字皿ビス		X18-140258	2	Screw
十字皿ビス		X18-170358	2	Screw
十字皿ビス		X18-200557	3	Screw
緊定ワッシャー		X32-401131	1	Retaining Washer
緊定ワッシャー		X32-401171	1	Retaining Washer
平ビス		X91-142525	2	Screw
平ビス		X91-143560	1	Screw
平ビス		X91-203539	1	Screw
平ビス		X91-233436	1	Screw

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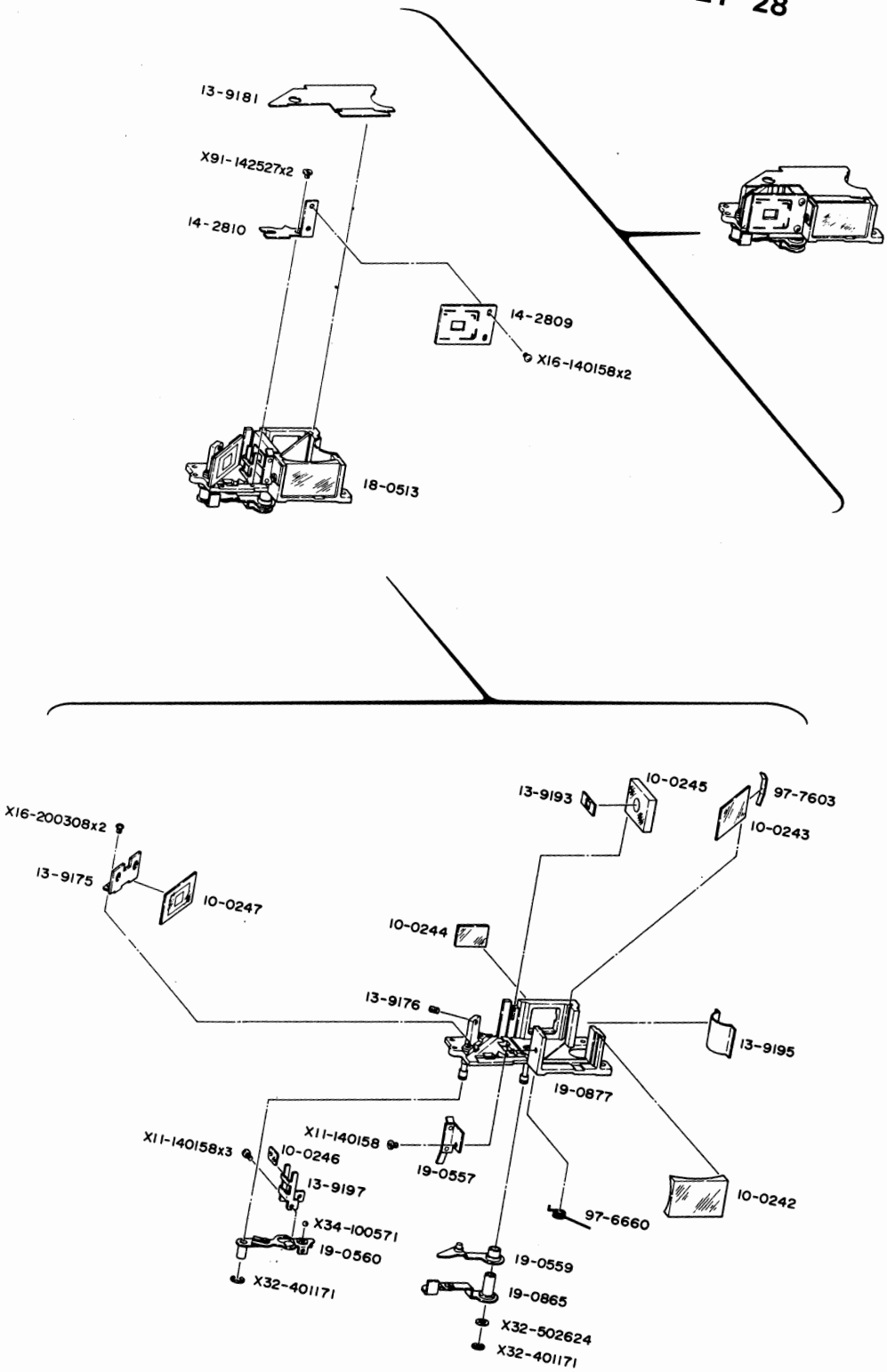

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PARTS LIST

VIEW FINDER
距 離 計

部 品 名 称	CLASS	PARTS NO.	QTY.	DESCRIPTION
レ ン ズ	D	10-0242	1	Lens Element
レ ン ズ	D	10-0243	1	Lens Element
レ ン ズ	D	10-0244	1	Lens Element
レ ン ズ	D	10-0245	1	Lens Element
レ ン ズ	D	10-0246	1	Lens Element
ミ ラ ー	D	10-0247	1	Mirror
ミ ラ ー 地 板	E	13-9175	1	Mirror Base
ビ ス	C	13-9176	1	Screw
ファインダーカバー	E	13-9181	1	Finder Cover
マ ス ク	E	13-9193	1	Mask
ファインダー横カバー	E	13-9195	1	Finder Side Cover
移動レンズ地板	E	13-9197	1	Movement Lens Base
遮 光 板	C	14-2771	1	Light Shield
ファインダーマスク	C	14-2809	1	Finder Mask
マ ス ク 地 板	D	14-2810	1	Finder Mask Holder
距離計ユニット	E	18-0513	1	View Finder Unit
レ ン ズ 押 え	D	19-0557	1	Lens Pressure
連 動 レ バ ー	E	19-0559	1	Connecting Lever
バ ネ 板	E	19-0560	1	Spring Lever
距 離 計 レ バ ー	C	19-0865	1	Connector Lever
ファインダー地板	D	19-0877	1	Finder Box
ス プ リ ン グ	D	97-6660	1	Spring
板 ス プ リ ン グ	D	97-7603	1	Plate Spring
平 ビ ス		X11-140158	4	Screw
十 字 ナ ベ ビ ス		X16-140158	2	Screw
十 字 ナ ベ ビ ス		X16-200308	2	Screw
緊 定 ワ ッ シ ャ ー		X32-401171	2	Retaining Washer
調 整 ワ ッ シ ャ ー		X32-502620 X32-502621 X32-502622 X32-502623 X32-502624	N	Adjusting Washer
ス チ ー ル ボ ー ル	B	X34-100571	1	Steel Ball
平 ビ ス		X91-142527	2	Screw

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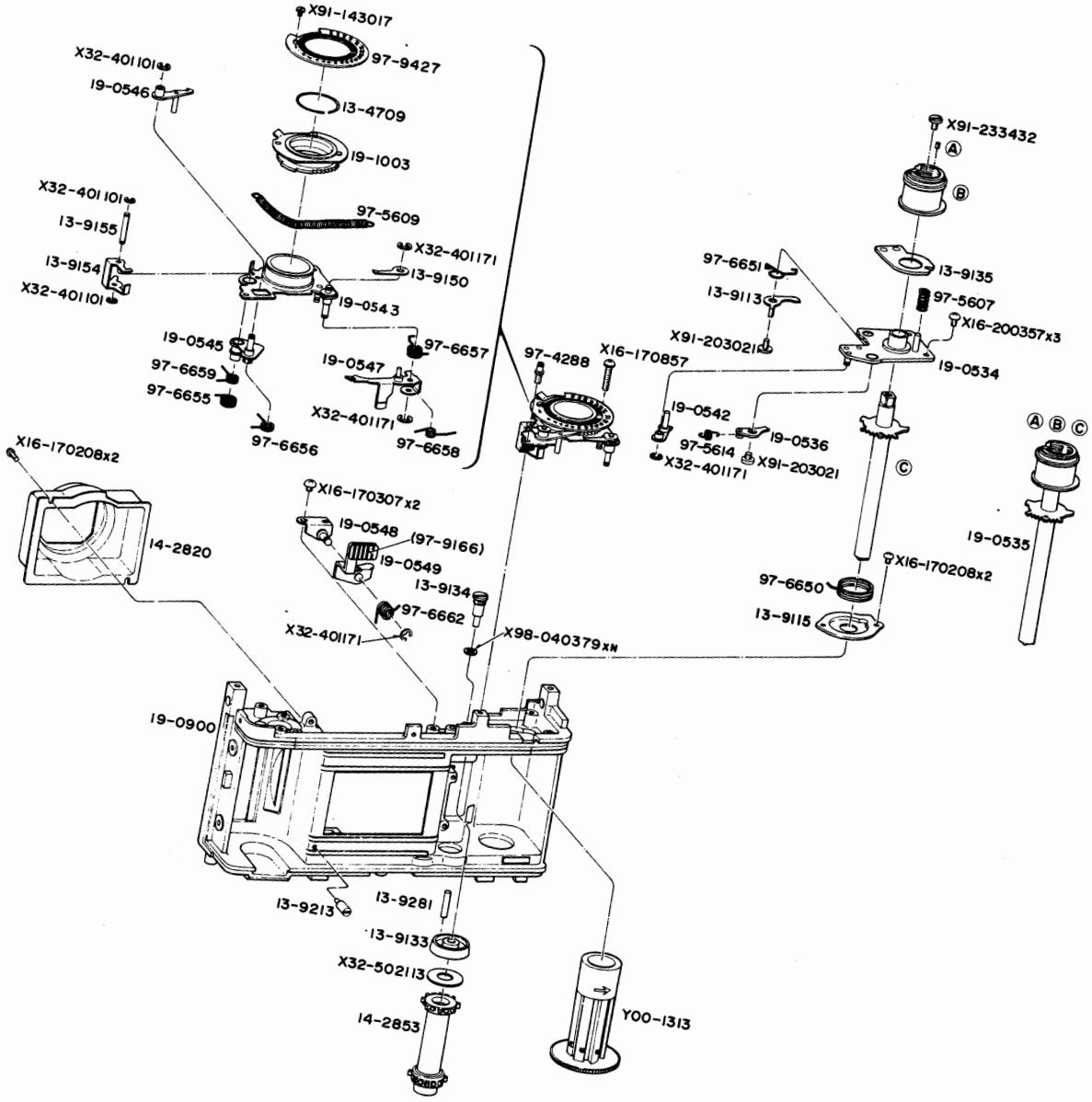

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PARTS LIST

FILM COUNTER, TAKE UP SPOOL & WINDING SHAFT
フイルムカウンター　巻取りスプール　巻上げ軸

部品名称	CLASS	PARTS NO.	QTY.	DESCRIPTION
スプールユニット	D	Y00-1313	1	Spool Unit
リテイナー	D	13-4709	1	Retainer
巻上げストッパー	C	13-9113	1	Winding Stopper
庶光皿	C	13-9115	1	Light Shield
カムリング	C	13-9133	1	Cam Ring
スプロケット軸	D	13-9134	1	Sprocket Shaft
シャッターレリーズ板	D	13-9135	1	Shutter Release Plate
枚数盤ストッパー	D	13-9150	1	Stopper
空送りレバー	C	13-9154	1	Film Feed Lever
空送りレバー軸	D	13-9155	1	Lever Shaft
ビス	C	13-9213	1	Screw
ピン	C	13-9281	1	Pin
庶光枠	C	14-2820	1	Light Shield
スプロケット	D	14-2853	1	Sprocket
巻上げ上板	C	19-0534	1	Winding Upper Plate
巻上げ軸	D	19-0535	1	Winding Shaft
ラチェット爪	C	19-0536	1	Ratchet Claw
巻止めはずし	D	19-0542	1	Stopper Remove Lever
カウンター地板	D	19-0543	1	Film Counter Base
送り爪地板	C	19-0545	1	Feeding Claw Base
送り爪	C	19-0546	1	Feeding Claw
復帰レバー	C	19-0547	1	Reset Lever
指標ホルダー	C	19-0548	1	Index Holder
フィルム送り指標	C	19-0549	1	Film Feed Index
本体	E	19-0900	1	Body
カウンターギャー	D	19-1003	1	Counter Gear
ビス	C	97-4288	1	Screw
コイルスプリング	C	97-5607	1	Coil Spring
コイルスプリング	C	97-5609	1	Coil Spring
スプリング	C	97-5614	1	Spring
スプリング	C	97-6650	1	Spring
スプリング	C	97-6651	1	Spring
スプリング	C	97-6655	1	Spring
スプリング	C	97-6656	1	Spring
スプリング	C	97-6657	1	Spring
スプリング	C	97-6658	1	Spring
スプリング	C	97-6659	1	Spring
スプリング	C	97-6662	1	Spring
フィルム送り指標	D	97-9166	1	Film Feed Index
フィルムカウンター	C	97-9427	1	Film Counter
十字ナベビス		X16-170208	4	Screw
十字ナベビス		X16-170307	2	Screw
十字ナベビス		X16-170857	1	Screw
十字ナベビス		X16-200357	3	Screw
緊定ワッシャー		X32-401101	3	Retaining Washer
緊定ワッシャー		X32-401171	4	Retaining Washer
ワッシャー		X32-502113	1	Washer
平ビス		X91-143017	1	Screw
平ビス		X91-203021	2	Screw
平ビス		X91-233432	1	Screw
ワッシャー		X98-040379	N	Washer

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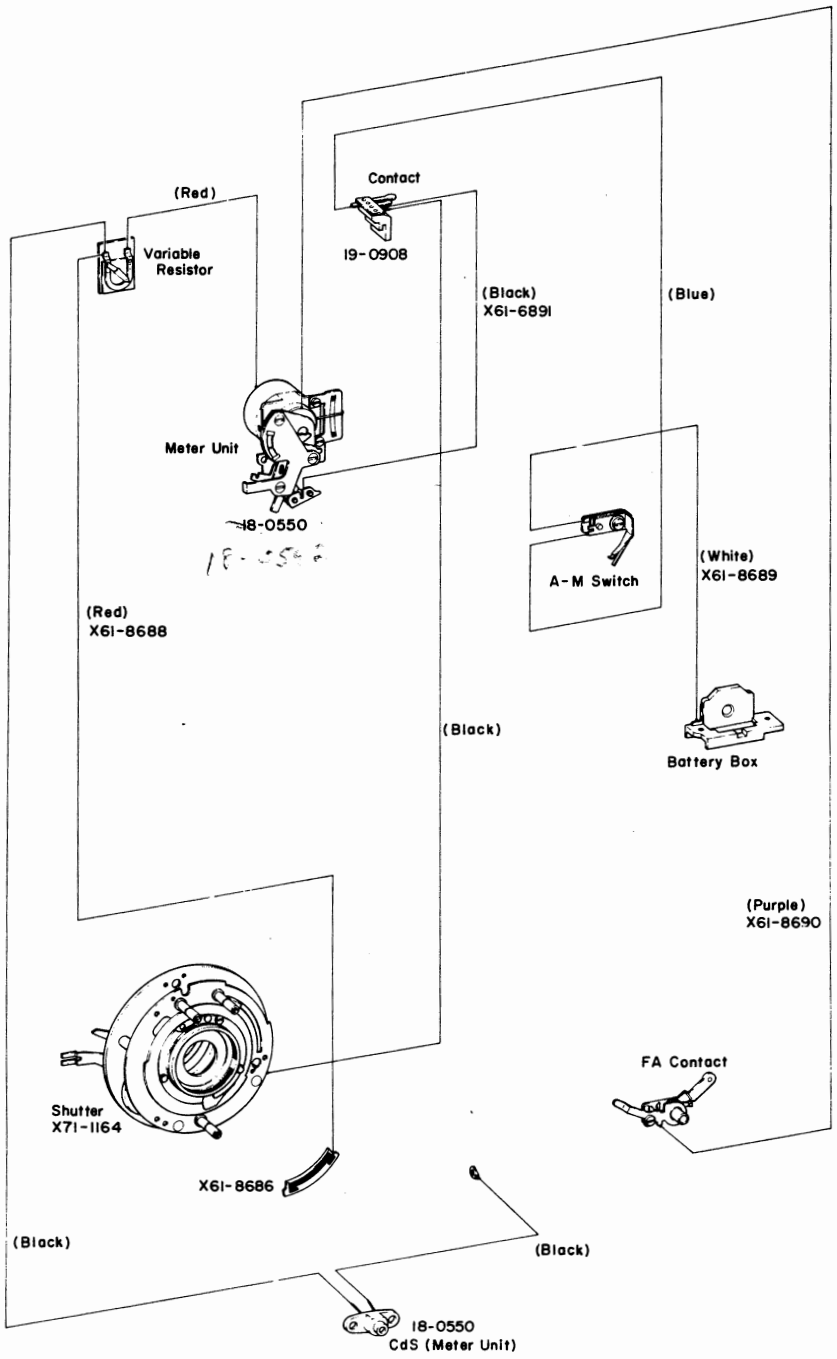
CIRCUIT DIAGRAM

of

CANON NEW CANONET 28



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13-9113	6	13-9292	1	19-0549	6	97-6655	6
13-9115	6	13-9316	4	19-0552	1	97-6656	6
13-9118	4	13-9318	4	19-0553	4	97-6657	6
13-9120	4	13-9322	4	19-0554	4	97-6658	6
13-9128	4	13-9323	1	19-0557	5	97-6659	6
13-9129	4	13-9325	4	19-0559	5	97-6660	5
13-9130	4	13-9330	1	19-0560	5	97-6662	6
13-9131	4	13-9362	2	19-0562	2	97-6664	2
13-9133	6			19-0563	2	97-6665	2
13-9134	6	14-2809	5	19-0564	2	97-6675	4
13-9135	6	14-2810	5	19-0566	2	97-6680	4
13-9150	6	14-2812	2	19-0574	4	97-6848	3
13-9154	6	14-2813	2	19-0577	1	97-6849	3
13-9155	6	14-2814	2	19-0579	1	97-7600	1
13-9167	4	14-2815	2	19-0865	5	97-7602	1
13-9169	1	14-2816	3	19-0877	5	97-7603	5
13-9173	4	14-2817	3	19-0900	6	97-9166	6
13-9175	5	14-2020	6	19-0901	1	97-9181	1
13-9176	5	14-2821	3	19-0902	1	97-9375	3
13-9181	5	14-2822	3	19-0903	2	97-9427	6
13-9193	5	14-2825	3	19-0904	3	97-9429	1
13-9195	5	14-2827	3	19-0905	3		
13-9196	1	14-2828	3	19-0906	3	X11-140158	5
13-9197	5	14-2829	3	19-0907	3		
13-9201	1	14-2831	3	19-0908	2, 7	X16-140157	3
13-9202	1	14-2832	3	19-1003	6	X16-140158	5
13-9204	1	14-2833	3	19-1006	3	X16-140207	3
13-9205	1	14-2834	3	19-9620	1	X16-170207	2
13-9206	1	14-2835	3			X16-170208	4, 6
13-9207	1	14-2844	3	26-8067	3	X16-170257	3

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CANON REPAIR GUIDE

NEW CANONET 28

(REF. NO. 1.30821)

CANON INC. JAPAN

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INTRODUCTION

1) The New Canonet 2.8 is based on the New Canonet QL 17 and 19. Therefore, in this Repair Guide, only the parts which differ from New Canonet QL 17 will be described. Use this Guide together with the New Canonet QL (1-30801) Repair Guide.

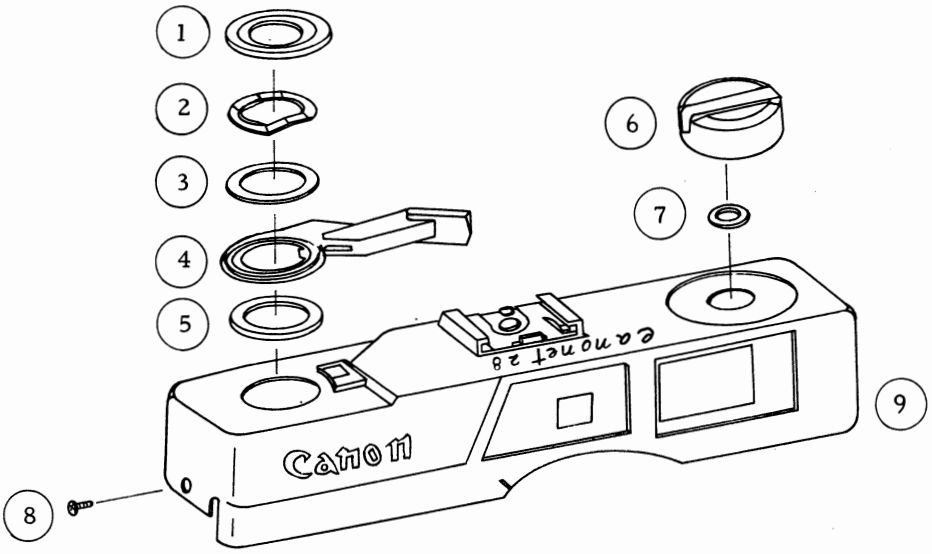
2) Only the operation of the shutter can be checked separately. The Exposure Value cannot be checked until it is combined with Meter unit. To measure the EV accurately, the EE tester must be used.

3) There is difference between the reference value for simple measurement of FA accuracy ("X" synchronization) and the calculated value obtained on the basis of Guide Number of the flash. This is because the flash switch-ON time does not coincide exactly with the fully opened position of the shutter blade, as the shutter is a flywheel type shutter (a strong inertia works on movement of the blade.).

4) For setting the shutter speed required for measuring focus to "B", the following procedures must be taken; first remove Top Cover and then Leather. Detach Front Cover, push down Shutter Opening Lever with Shutter Button depressed and fix the Lever. See para. 2.1.4 in this Guide.

1. Disassembly

1.1 Top Cover



1. Winding Lever (4)

1 Shutter Button Guard 13-9105

2 Washer 13-4615

3 Washer X98-100386

4 Winding Lever 19-0579

5 Washer 13-9106

2. Rewind Crank (6)

6 Rewind Crank 13-9169

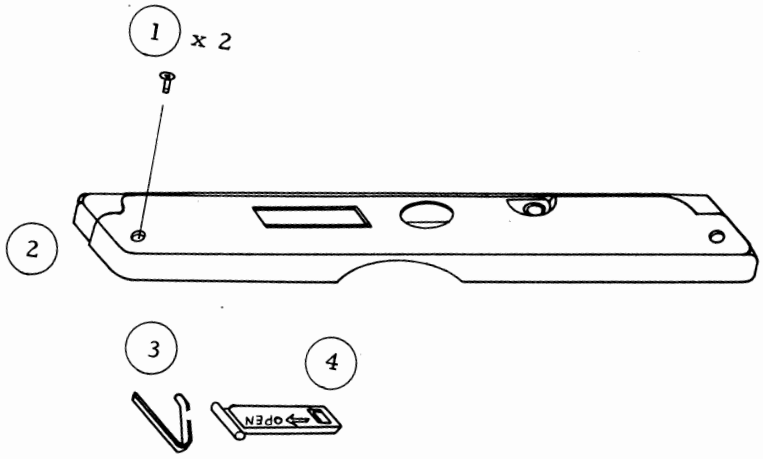
7 Washer X98-030405

3. Top Cover (9)

8 Screw X16-170306 x 3

9 Top Cover 19-0901

1.2 Base Cover



1. Base Cover (2)

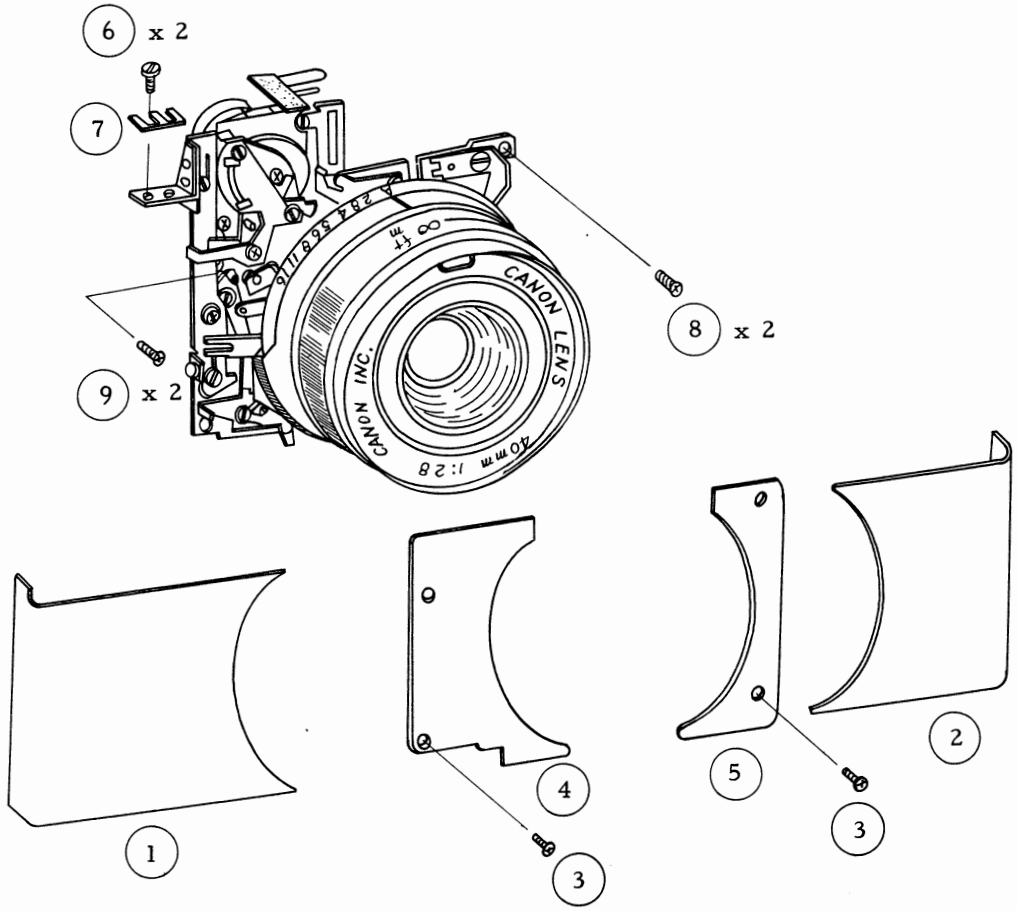
1 Screw X18-170306 x 2

2 Base Cover 13-9103

3 Plate Spring 97-7600

4 Battery Box Cover 13-9276

1.3 Front Plate



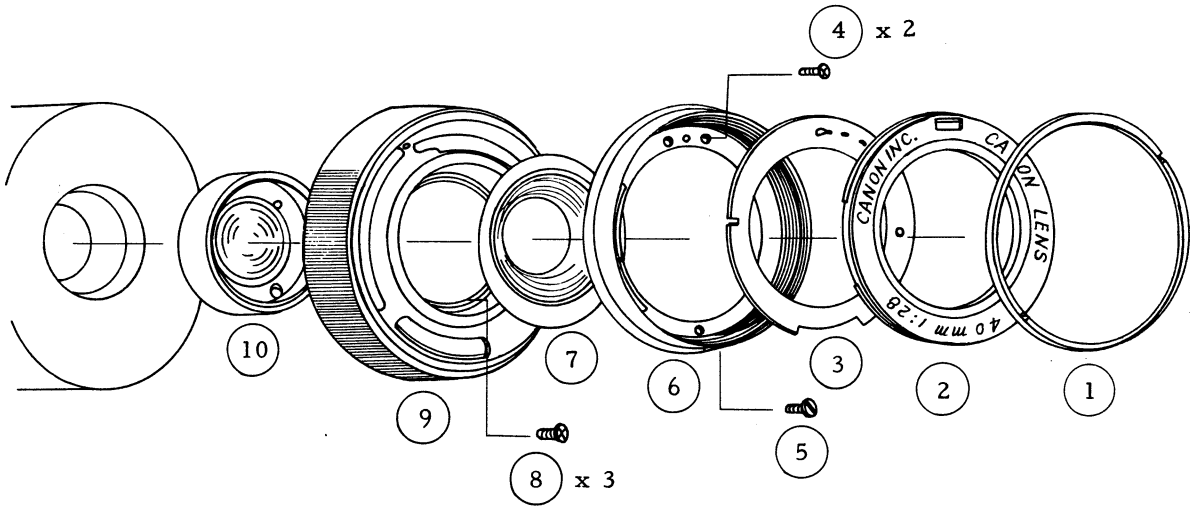
1. Front Covers right and left (4) and (5)

1	Leather (left) 14-2845	2	Leather (right) 13-9204
3	Screw X18-170258 x 4	4	Front Cover (left) 13-9201
5	Front Cover (right) 13-9202		

2. Front Plate

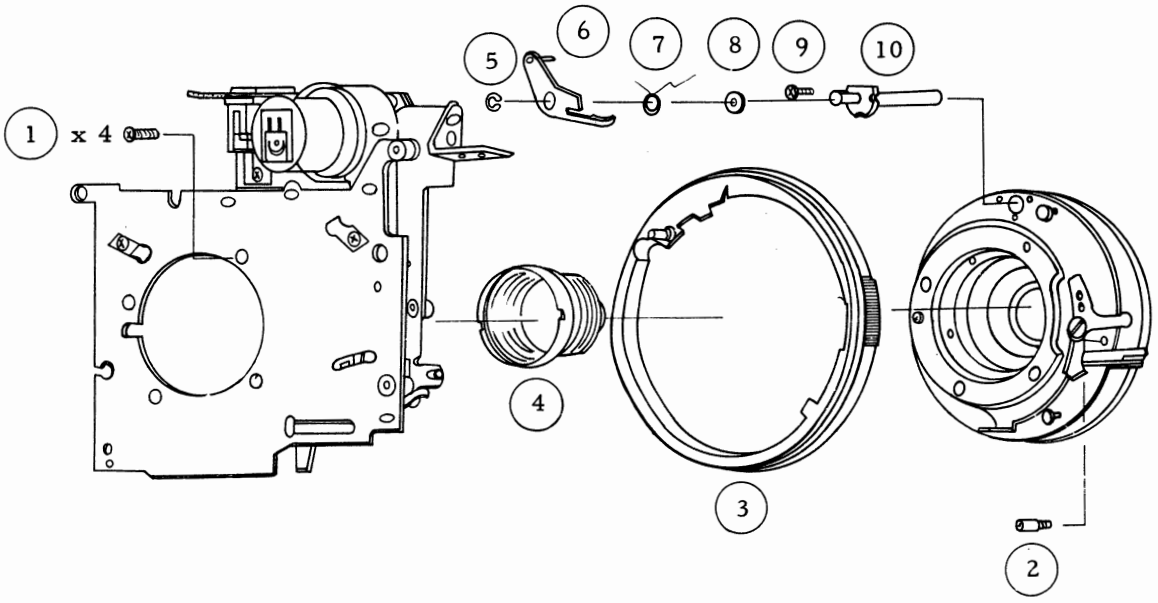
6	Screw X91-172537 x 2	7	Adjusting Washer 13-9228
8	Screw X16-200458 x 2	9	Screw X18-200458 x 2

1.4 Front Lens Unit



1. Front Ring (6)	1 Assemble Collar 27-8639	2 Name Ring 19-0907	
	3 Diaphragm Plate 14-2834	4 Screw X18-170257	x 2
	5 Screw X91-173543	6 Front Ring 14-2833	
2. Front Lens Unit (10)	7 Ring 14-2832	8 Screw X91-172496	x 3
	9 Focus Ring 27-0208	10 Front Lens Unit 18-0544	

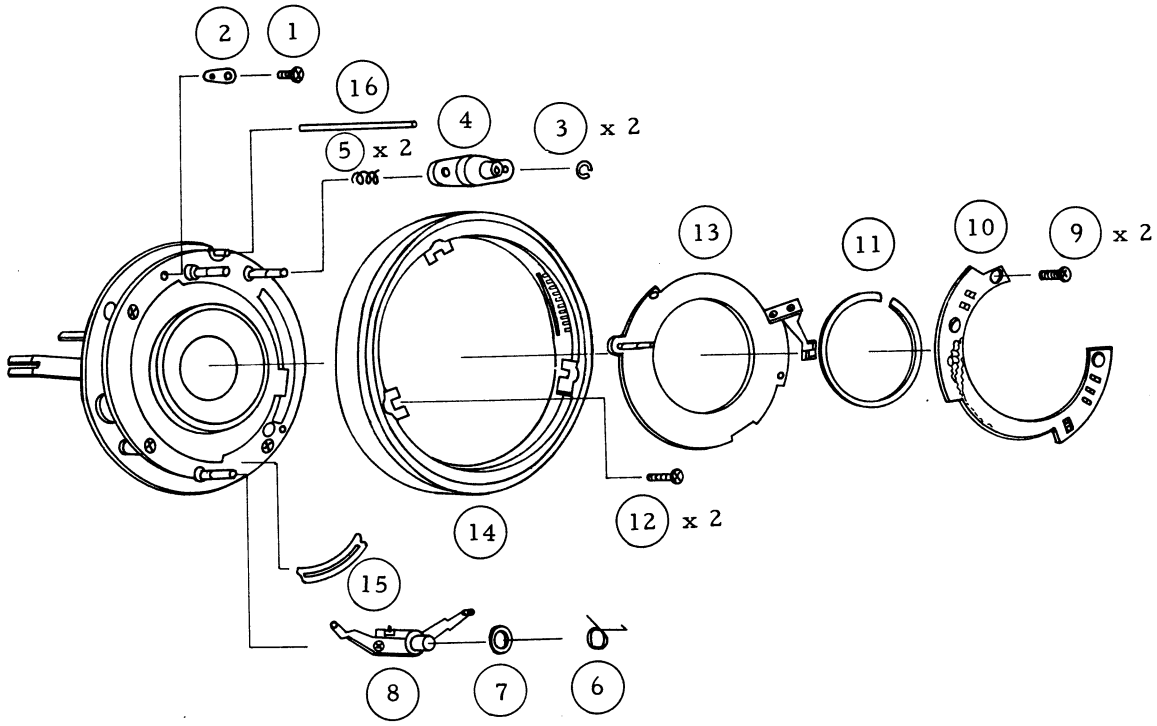
1.5 Metal Pin



1. Aperture Ring (3)
2. Metal Pin

1	Screw X16-170357	x 4	2	Screw X91-171416	
3	Aperture Ring 14-2821		4	Rear Lens Unit 18-0545	
5	Retaining Washer X32-401201		6	Lever 19-0904	
7	Spring 97-6848		8	Washer X32-502622	
9	Screw X16-140207	x 3	10	Metal Pin 14-2816	

1.6 ASA Ring



1. CdS (4)

2. ASA Ring (14)

1 Screw X16-170307 — 2 Lug 14-2843

3 Retaining Washer X32-401201 x 2

4 CdS — 5 Coil Spring 97-5832 x 2

6 Spring 97-6849 — 7 Washer 14-2829

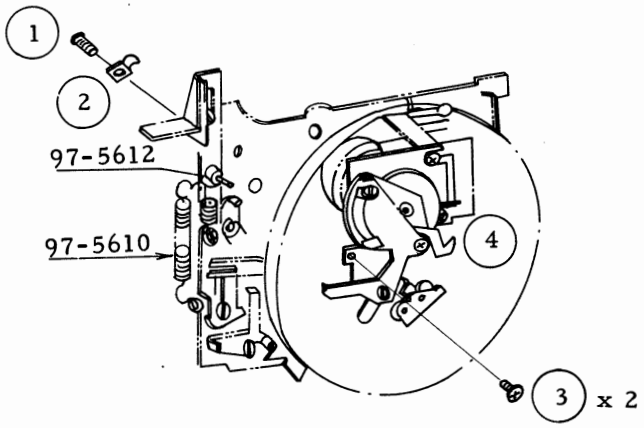
8 FA Change Lever — 9 Screw X16-170207 x 2

10 Resistor Plate Unit 19-0913 — 11 Snap Washer 26-8067

12 Screw X16-170307 x 2 — 13 ASA Plate 19-0905 — 14 ASA Ring

15 Printed Circuit Board X61-8687 — 16 Pin 14-2817

1.7 Exposure Meter Unit



1. Lead Holder (2)	1 Screw X91-143559	2 Lead Holder 13-9242
2. Exposure Meter Unit (4)	3 Screw X18-170258 x 2	4 Exposure Meter Unit 18-0542

2. Replacement and Adjustment

2.1 Replacement and adjustment of Shutter

1. Disassembly
See Para. 1.5 and 1.6.

2. Checking of detached shutter
Check Shutter charge and release.

Note: Shutter speed cannot be checked.

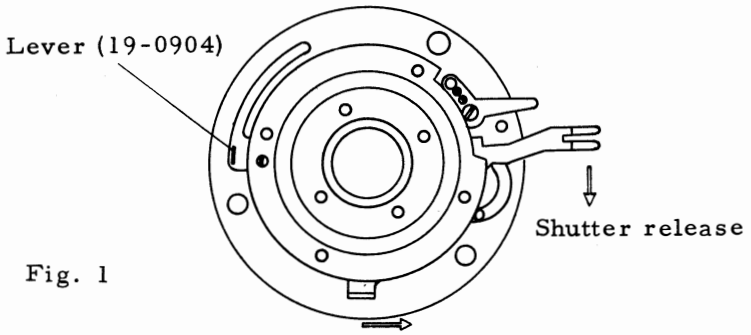
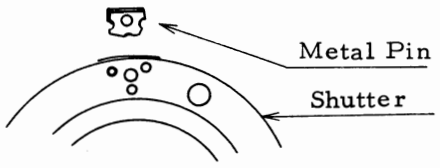


Fig. 1

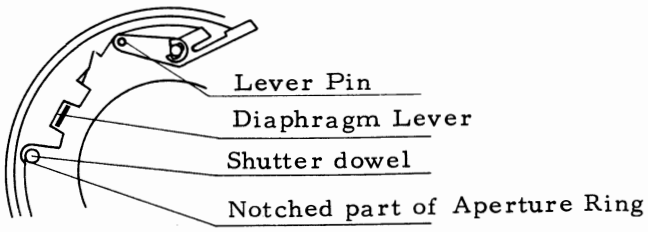
3. Installation
1) Mounting Metal Pin
Reverse the procedure of Para. 1.5.
Install the Pin turning its flat side toward the Aperture Ring.

Fig. 2



2) Mounting Aperture Ring
a. Keep Diaphragm Lever turned counterclockwise.
b. Bring the Lever Pin to the Aperture Ring Cam.
c. Insert the Aperture Ring until it bottoms with 3 dowels on the shutter fitted to 3 notched parts of the Ring.
d. Install the Ring with Screw (X91-171416).

Fig. 3



3) Mounting Front Plate

a. Pass three leads (black, purple and red) from the Shutter through the notched part of Front Plate and the yellow one from CdS through the hole in the Plate.

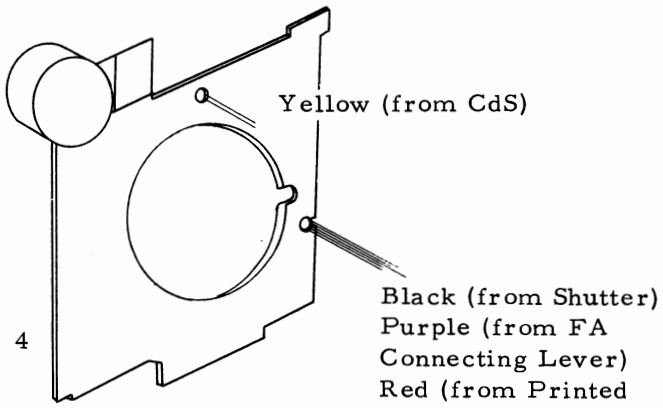


Fig. 4

b. Set the Charge Ring "Section A" to the arrow-marked "A". Set the Aperture Connecting Pin "B" to the arrow-marked "B". (Fig. 5)

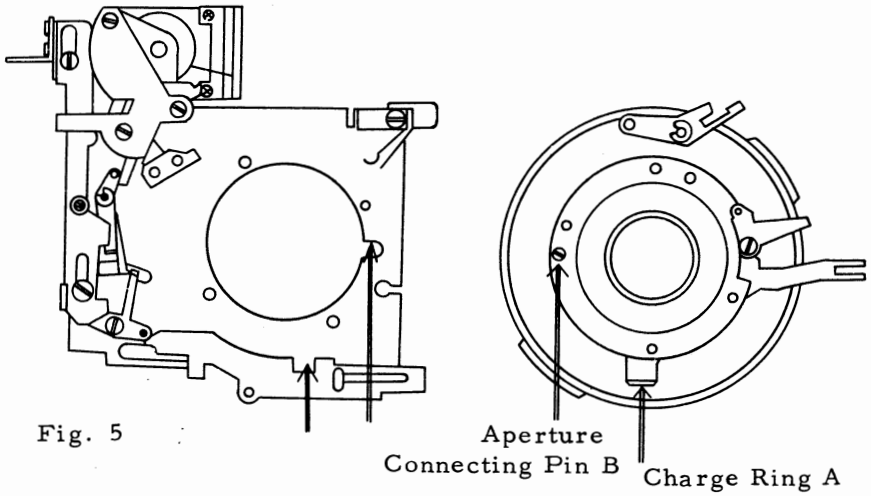


Fig. 5

4) Fasten with four Screws (X16-170357)
5) Mounting Rear Lens Unit

Note: Apply Light Shield to the Rear Lens Unit to prevent light leakage.

6) Solder the leads
See Fig. 11.

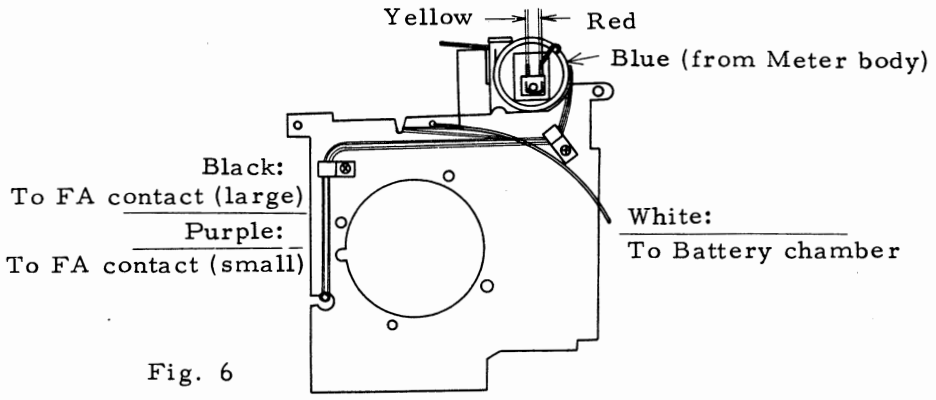


Fig. 6

7) Mount the Shutter on the Body
See Pages 9 and 10 in the New Canonet QL Repair Guide Para. 2.3.3 to 2.3.7.
8) Mount the FA Change Lever
See Para. 1.6.
9) Mount the Front Lens Unit

4. Adjustment
1) Shutter release

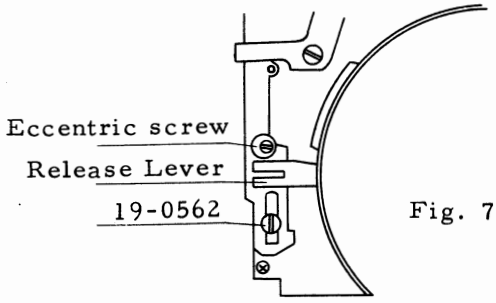


Fig. 7

Shutter must be released at the position 4.1 ±0.2 mm from the top of the Shutter Button stroke and the Shutter button must have an excess stroke of 0.5 mm or more when released. Adjust the release position with the eccentric screw on Shutter Release Lever.
If there is less than 0.5 mm excess stroke,

expand the folked end of the Release Lever. (Fig. 7)

2) Adjustment of Winding Safety Mechanism (double winding prevention)
See Para. 2.4.2. in the New Canonet QL Repair Guide.

3) Adjustment of initial Film Feeding (Feeding leader section)
See Para. 2.4.4. in the New Canonet QL Repair Guide.

4) Adjustment of focus (contrast focus)
Limit: ±0.03 mm (±1.5 mm on the 200 mm T-type 200 mm collimator scale) For the center value, check several new New Canonet 2.8 cameras to establish the average value.

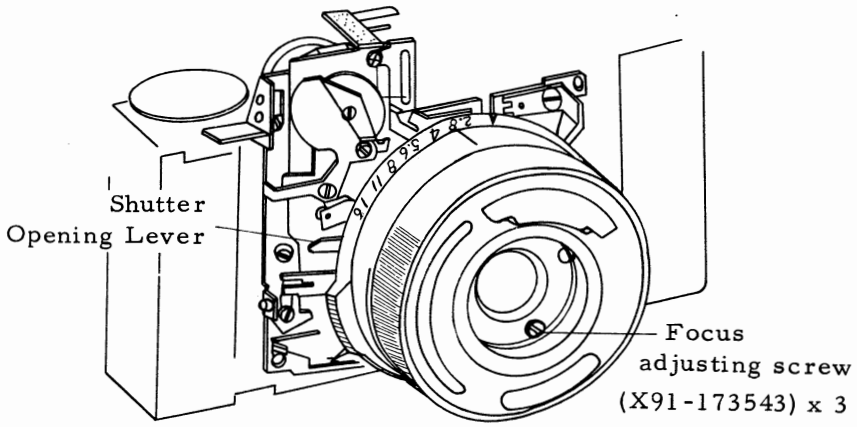
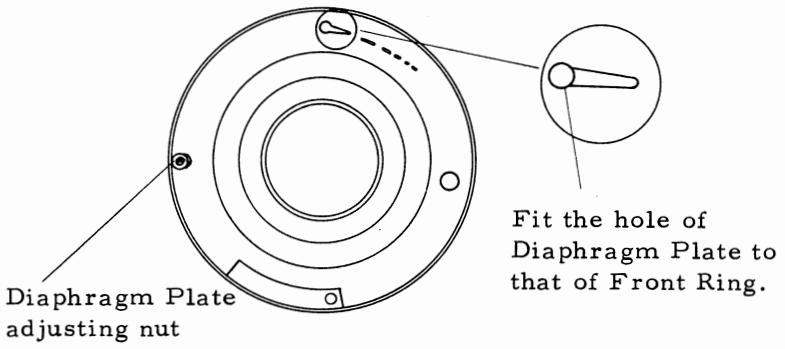


Fig. 8

Maximum Aperture
Setting Aperture Ring to F2.8, press down the Shutter Release Lever with Shutter Button depressed and fix the Lever.

5) Adjustment of Aperture Ring



2.2 Replacement and adjustment of Exposure Meter Unit

1. Disassembly
See Para. 1.7.

2. Meter Checks
There are no checks for the meter alone.

Notes: 1. Replace the CdS and Meter as a unit.
2. Don't bend the needle.

3. Installation
1) Mounting Meter
a. Install the Meter with Aperture Ring set to AUTO.
b. The needle clamper should be positioned at the right of Shutter Lock Lever.

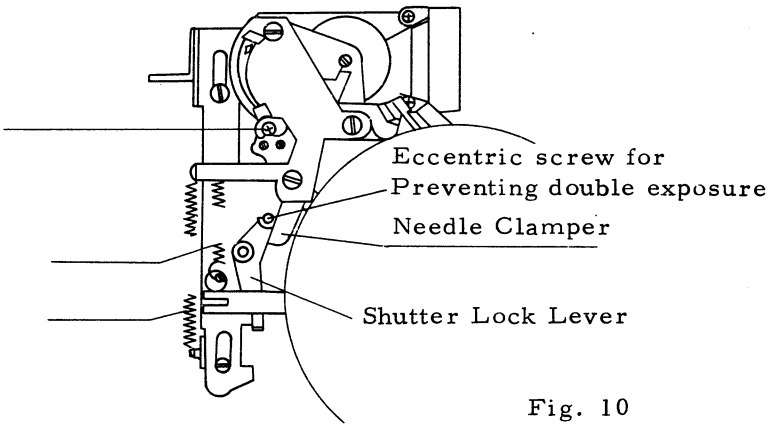


Fig. 10

2) Mount the Spring.
3) Solder the leads.

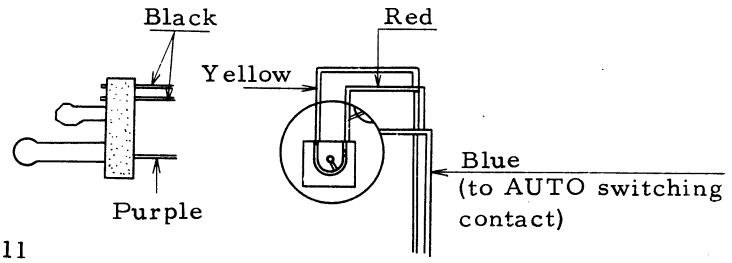
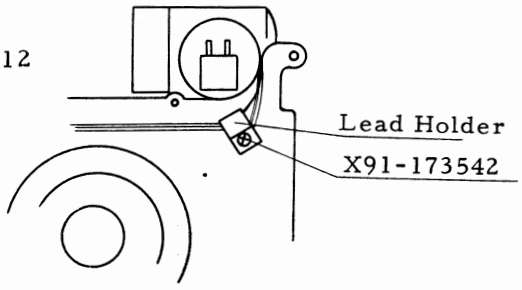


Fig. 11

4) Mount the Lead Holder

Fig. 12



4. Adjustment

1) Inspection of EE accuracy

To check EE accuracy, use the EV tester.

K=17.5

EV	cd/m^2	ASA	Shutter speed	Aperture(F)	Limit(EV)
9	89.6	100	1/64	2.8	±0.7
12	716.8	100	1/160	5.05	±0.7
15	5734.0	100	1/360	9.6	±1.0

2) Adjustment of EE accuracy

a. To adjusting the deflection angle of the clamp needle, see Para. 2.4.5. in the New Canonet QL Repair Guide.

b. Adjust the Exposure Meter accuracy with the eccentric screw and tighten the setscrew.

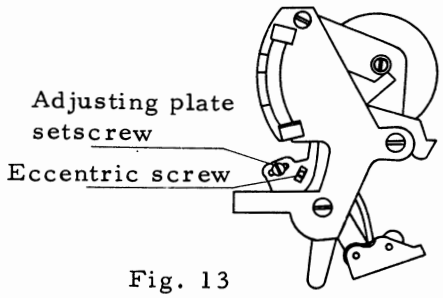


Fig. 13

3) Alternate check of EE accuracy (using a calibrated light source)

This method should be used only until the EV Tester is available. Adjustment should be made only if the shutter is definitely wrong.

at EV 11 - needle points to 1/60

EV	cd/m^2	ASA	Shutter speed	Aperture(F)	Limit(F)
11	358.4	100	1/122	F4.7	±0.7
14	2867.0	100	1/275	F7.7	±0.7

Compare Aperture diameter with Manual diaphragm.

4) Adjustment of Viewfinder needle position
If the meter needle is clamped at the marked line of EV 11, the needle must point to 1/125. The needle (Viewfinder) position is adjustable by bending the needle.

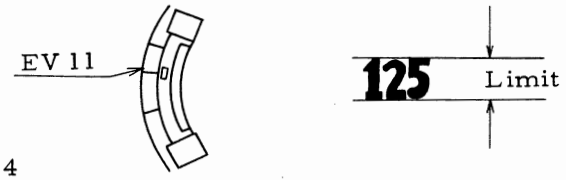


Fig. 14

5) Adjustment of space between meter needle and clamper.
See the New Canonet QL Repair Guide.

6) Safety adjustment in case of incorrect exposure
See the New Canonet QL Repair Guide.

7) Adjustment of Lever

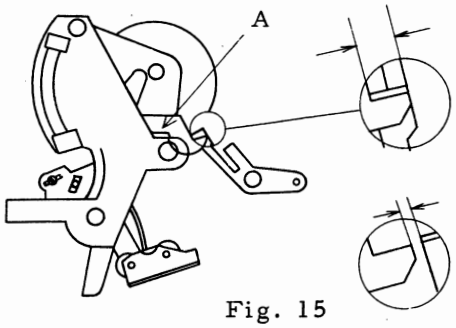


Fig. 15

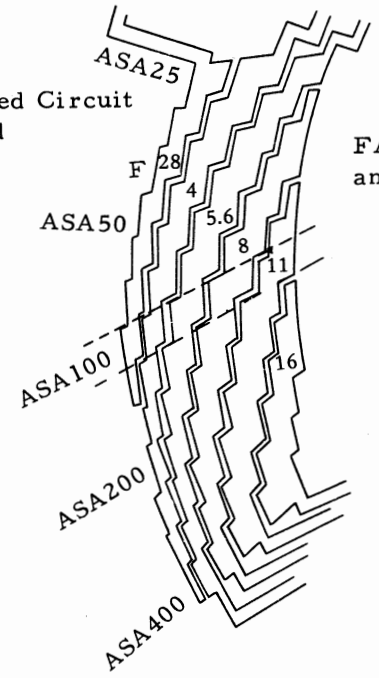
8) Inspection of FA accuracy
   a. Sync system
   Sync contact is made when the automatic lever of Shutter hits the control plate of Meter, and since the Shutter blade has an inertia force, movement of the Shutter blade and the automatic lever does not coincide exactly with each other. Therefore, a compensation system has been employed, in which correct exposure can be obtained for flash by compen-

sating with the meter during manufacrure.

b. Inspection of FA accuracy
With the front of CdS shielded, set the Focusing Ring to 2.4m ("∞" side of the figure 2 should be set to the index mark.) When the Canolite D is fully charged and the ASA set to 100, the needle in the Viewfinder should show a Shutter speed of 1/125 sec.

Note: Be sure to check the Viewfinder needle accuracy first.

9) Adjustment of FA accuracy

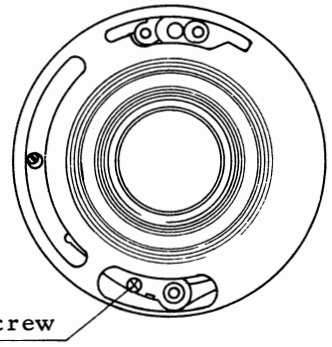


FA contact position and F No.

m	F. No.
0.83	16
1.22	11
1.68	8
2.40	5.6
3.37	4
4.82	2.8

Fig. 16

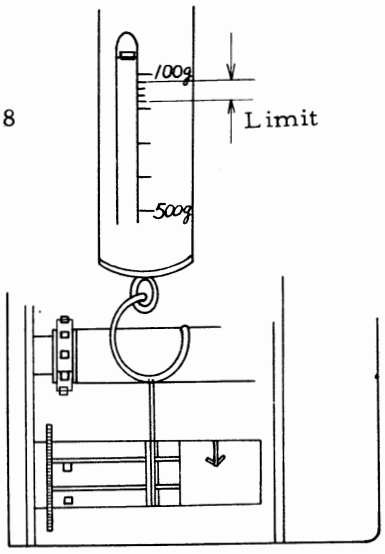
Fig. 17



2.3 Adjustment of spool torque

1. Spool torque check
Limit: 150 ± 30 g/cm (Use a spring balance.)

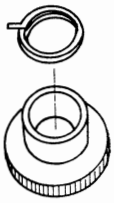
Fig. 18



2. Adjustment of spool torque
Exchange Spring (97-6847).

Note: Don't expand the Spring too much.

Fig. 19



2.4 Adjustment of parallax

The Bright Frame must indicate between 80 to 90% of the actual frame.

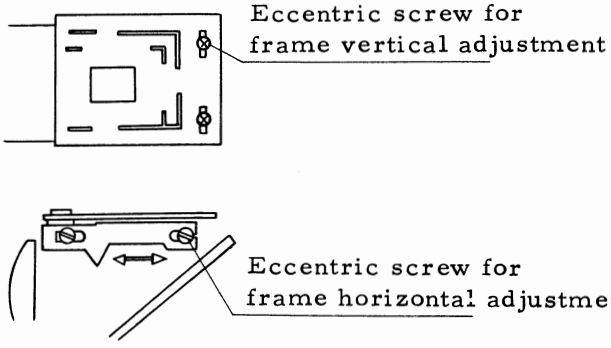


Fig. 20

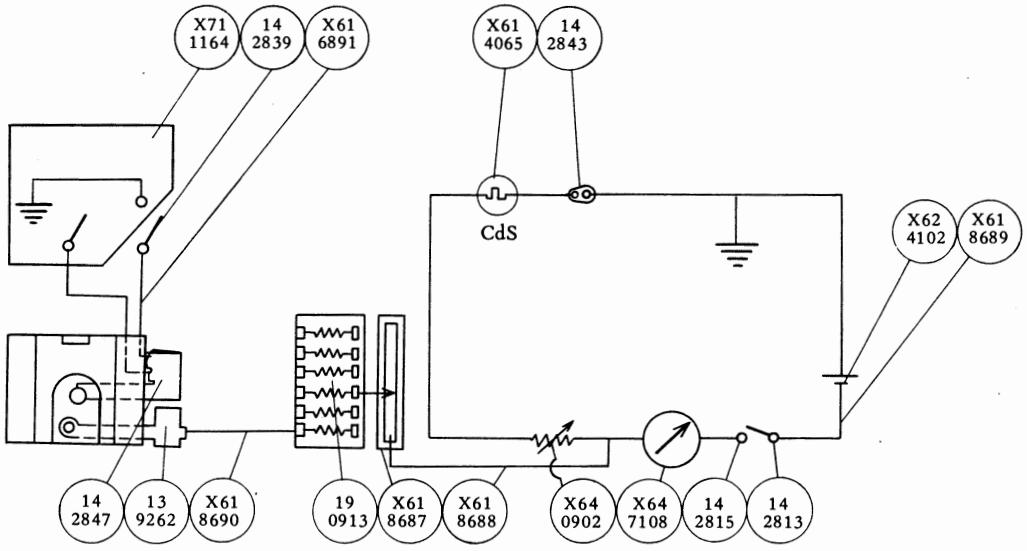
2.5 Adjustment of Range Finder

See Para. 2.3. in the New Canonet QL Repair Guide.

3. Appendix

3.1 Circuit diagram

Part No.	Description	Part No.	Description	Part No.	Description
X71-1164	Shutter	14-2849	Contact	X61-8690	Lead (brown)
14-2839	Diaphragm	14-2813	Contact	19-0913	Printed Circuit Board
X61-6891	Lead (black)	14-2815	Contact	X61-8688	Lead
X61-4065	CdS	X62-4102	Battery (H-D)	X64-0902	Variable Resistor
14-2843	Lug	14-2847	FA Contact (sync)	X64-7108	Galvanometer
X61-8687	Distance Resistor	13-9262	FA Contact (meter)	X61-8689	Lead (white)



CANON SERVICE TOOLS LIST

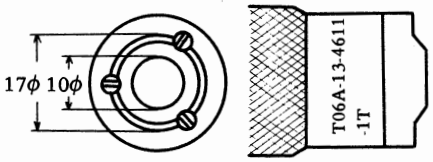
NEW CANONET 28
(REF. NO. 1-30821)

TEST EQUIPMENT

Use	Name of Test Equipment
Focus	1. 200mm T-type Collimator
	2. Reflection Mirror for 35mm
Field of View	1. Universal Parallax Collimator-1
Exposure Meter	1. E.E Camera Tester
	2. Inspection Device for Canon Meter-1
	3. Standard Checker-2 (CdS)
	4. Ohm Meter

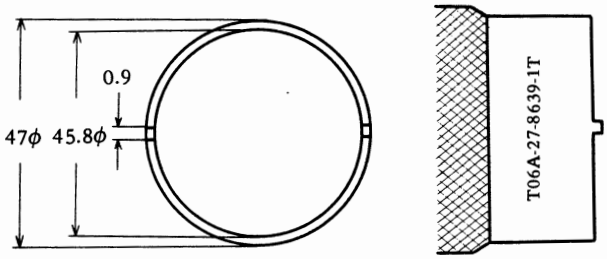
SPECIAL SCREW DRIVERS

T06A-13-4611-1T



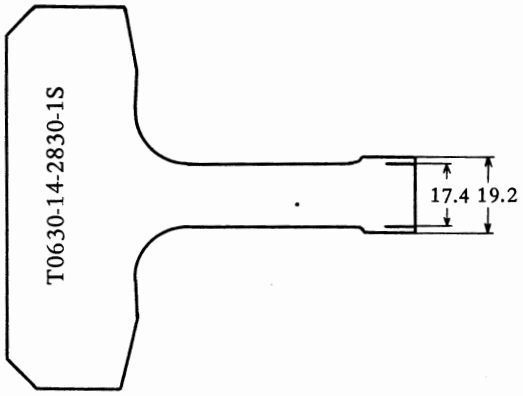
Tightening Winding Lever (Common to Canonet QL)

T06A-27-8639-1T



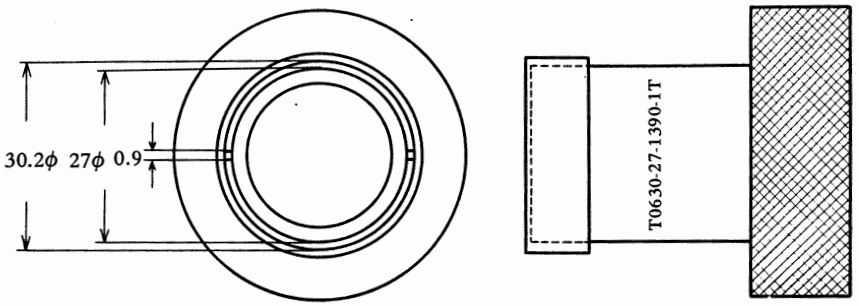
Tightening Name Ring (Common to Canonet QL)

T0630-14-2830-1S



Tightening Rear Lens Unit

T0630-27-1390-1T



Tightening Front Lens Unit

Canon SERVICE MANUAL REPORT

Report No. AC33-021 E

Service Manual No. C-033

Issued by Camera Service Department, Canon Inc.

Date 1973/5/29

Canon NEW CANONET 28 Back Cover Unit

Back Cover Unit(18-0547) has replaced Back Cover (19-0902). 18-0547 includes 13-9215 and 13-9216.

19-0902
13-9215
13-9216
} ⟶ 18-0547

Back Cover(19-0902) has been deleted from the Spare Parts List. 13-9215 and 13-9216 are still available as spare parts.

The serial Number Plates (97-9181 and 97-9429) CLASS has been changed from E to D.

Added Parts:

Class	Part No.	Qty.	Description
D	18-0547	1	Back Cover Unit

---

1. File this report in the service manual binder **New Canonet 28 (C-033)** **pg. 1/1**
2. Post additional parts, modified parts, etc. in the repair manual (disassembly drawings, parts list and index).
3. Check the file numbers of the service manual reports. If any are missing, request them from us.

Canon SERVICE MANUAL REPORT

Serial No. AC33-012 E

Service Manual No. C-033

Issued by Camera Service Department, Canon Inc.

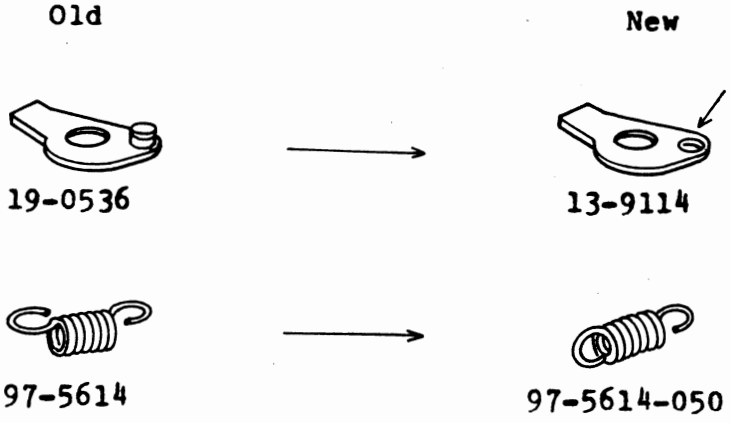
Date 1972/2/9

Canon New CANONET 28 Changes

1. Ratchet Claw

1.1 Change

The dowel on Ratchet Claw(19-0536) which held Spring(97-5614) has been deleted. The spring now mounts in the hole so one end of the spring has been rotated 90°.



1.2 Repair

Old or new parts can be used in any camera as a set but mixed old and new parts cannot be used.

1.3 Classification

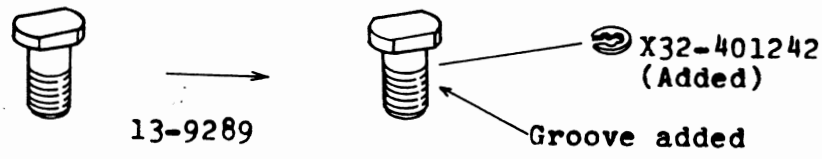
Seconic Meter Cameras : From Body No. 230001

Canon Electric Meter Cameras: From Body No. 510001

2. Rewind Crank Change

2.1 Change

Retaining Washer(X32-401242) has been added to Rewind Crank Shaft(13-9289) to hold the rewind crank together when it is removed. The shaft has been changed slightly to hold the washer.



2.2 Repair

Old and new parts are interchangeable. Old parts will be stocked until exhausted.

2.3 Classification

Canon Electric Meter Cameras : From Body No. 510001

Seconic Meter Cameras : From Body No. 230001

3. Repair Manual Part Number Changes

Page	Old Number	New Number
1	X18-200458	X18-200358
4	X91-143560	X99-0047

Added Parts

Class	Part No.	Qty.	Description	Price
	X32-401242	1	Retaining Washer	$0.01

Canon SERVICE MANUAL REPORT

Serial No. AC33-011 E

Service Manual No. C-033

Issued by Camera Service Department, Canon Inc.

Date 1971 / 10 / 29

Canon NEW CANONET 28 FA Lever Change

1. Change

Originally Spring(97-6849) was too strong and would move FA Lever(19-0906) away from the correct position when the lens was focused close to infinity ( ). To correct this problem another Spring(97-5863) was added by SMR AC33-002 E. Now, to permanently correct the trouble, the shape of Resistor Change Lever(14-2835) has been changed. The dowel on 19-0906 fits in the slot added to 14-2835 so it cannot be moved by Spring (97-6849) in the way it was before.

14-2835 OLD NEW

With the new 14-2835, Spring(97-5863) is no longer needed.

2. Repair

Old and new parts are interchangeable. Camera Service will stock new parts only.

If FA Lever(19-0906) moves out of place, install the new Resistor Change Lever(14-2835).

3. Classification

The new lever is installed in all cameras from body numbers:

Sekonic meter cameras : 204281

Canon Elect. meter cameras : 507181.

Canon SERVICE MANUAL REPORT

Serial No. AC33-010 E

Service Manual No. C-033

Issued by Camera Service Department, Canon Inc.

Date 1971 / 10 / 22

Canon NEW CANONET 28 Changes

1. FA Contact Changes

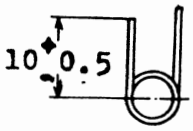
1.1 Change

The lead to FA Contact(19-0908) becomes brittle at very low tempertures (below -20°C) and automatic flash does not function correctly. It has been changed to a different type that is thinner and does not get brittle. The color of the new lead is white instead of purple.
Note: A few cameras were made with the improved lead in purple.

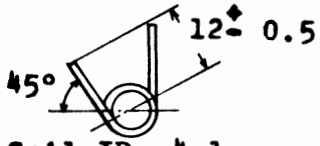
Lead	Y00-2212	Y00-2801
Conductor diameter	0.15mm	0.08mm
Outside diameter	0.76mm	0.65mm
Color	Purple	White

To smoothen FA operation Spring(97-6849) has been changed as shown.

Unit: mm



Coil ID= 4



Coil ID= 4.1

1.2 Repair

Old and new parts are interchangeable.If cold weather problems with FA are incountered, change the lead and spring. Camera Service will stock new parts only.

1.3 Classification

Change is effective from camera body numbers:

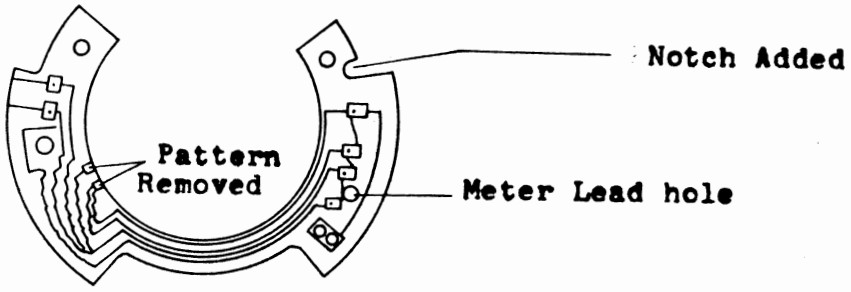
Canon Elec. metered camers: 507181

Sekonic metered cameras: 204281

2. Printed Circuit Board

2.1 Change

FA did not function properly when the ASA was set to 32 or 64 occasionally , so two parts of the pattern that extended to the edge of the board have been removed.



2.2 Repair

Old and new parts are interchangeable and old parts can also easily be modified by removing the two parts of the pattern shown above. If FA fails to function properly, change the part or remove the two parts of the pattern.
Note: This change effects cameras with Sekonic meters only.

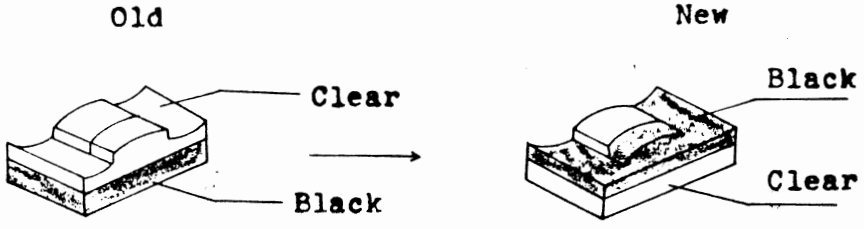
2.3 Classification

This change is effective on Sekonic meter cameras from body number 206901.

3. Counter Window Change

3.1 Change

The transparent and opaque parts of the counter window have been reversed as shown.



3.2 Repair

Old and new parts are interchangeable. Camera Service will service new parts only.

3.3 Classification

This change is effective from cameras bearing body numbers:

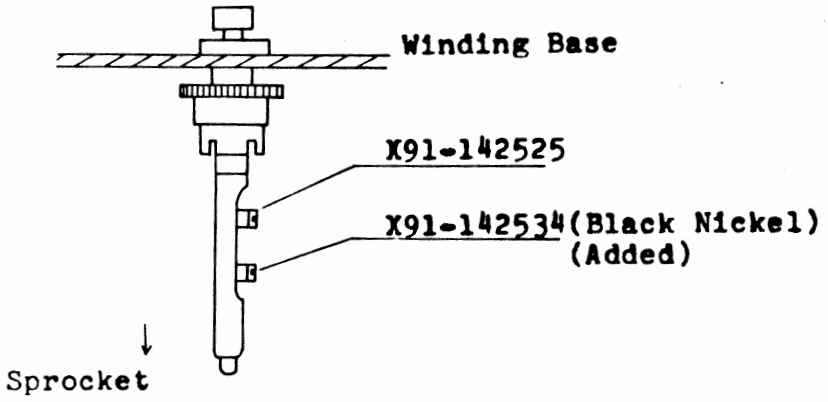
Canon Elec. meter cameras : 507881

Sekonic meter cameras : 207301

4. Sprocket Screw Change

4.1 Change

To prevent film overlap, the upper of the two Screws(X91-142535) in Rewind Button(13-9130) has been changed to Screw(X91-142534) which has a larger head. It is also black nickel plated .



4.2 Repair

Old and new parts are interchangeable . Both types of screw are stocked.

If overlap occures, install the new screw.

4.3 Classification

This change is effective from camera body numbers:

Canon Elec. metered cameras: 507901

Sekonic metered camers : 207681

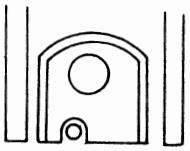
5. Accessory Shoe Change

5.1 Change

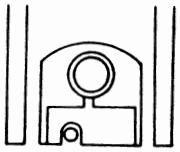
To prevent flashing during installation and removal of a flash unit, a raised collar has been added around the syncro contact in Connector, Flash Terminal(13-9208) and it has been relieved 3mm at the rear so the Canolite D is not difficult to install.

13-9208

Old



New



5.2 Repair

Old and new parts are interchangeable. Camera Service will stock new parts only.

5.3 Classification

This change is effective with cameras from body numbers:

Canon Elect. metered cameras : 507901

Sekonic metered cameras : 207681

Additional Information:

In the Repair Manual on pages 3 and 7 make the following part number change.

X61-8686 X61-8687

Canon SERVICE MANUAL REPORT

Serial No. AC33-009 E

Service Manual No. C-033

Issued by Camera Service Department, Canon Inc.

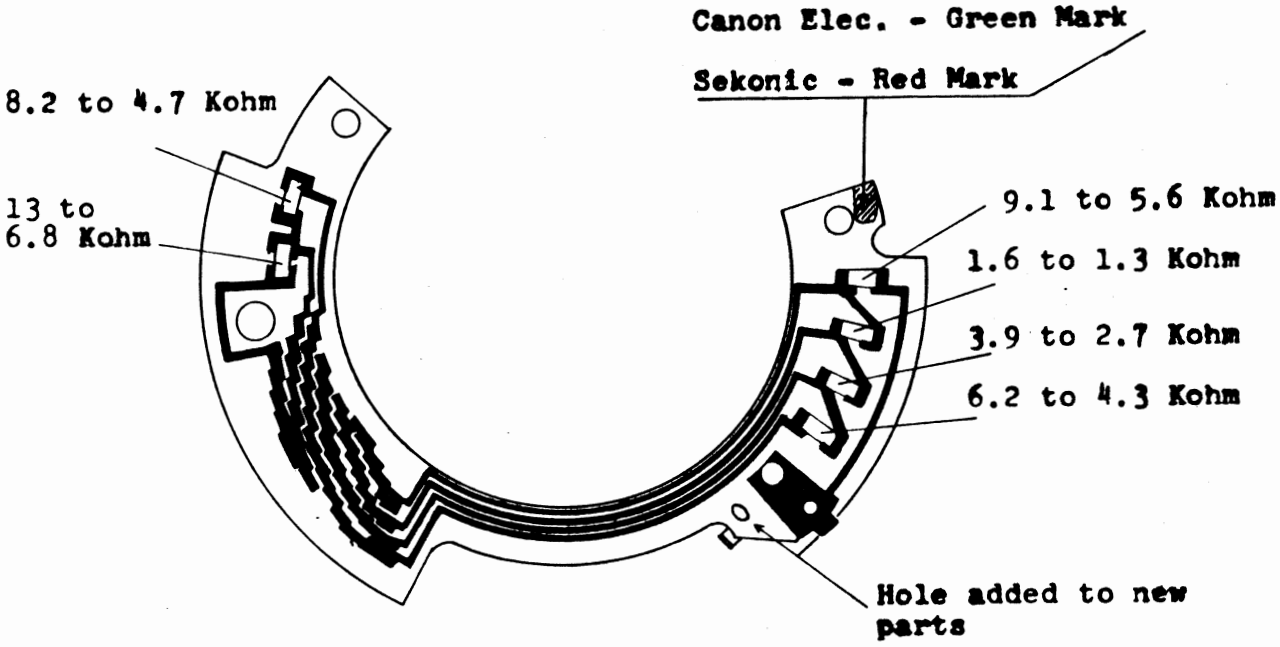
Date 1971 / 10 / 21

Canon NEW CANONET 28 Printed Circuit Board and Lead Changes

1. Printed Circuit Board Changes

1.1 Change

The current/ deflection angle curve (I/) of the Sekonic meter has been changed. This requires a change in resistor values on Printed Circuit Board(19-1006) to produce correct automatic flash exposure


Canon Elec. - Green Mark
Sekonic - Red Mark
8.2 to 4.7 Kohm
13 to 6.8 Kohm
9.1 to 5.6 Kohm
1.6 to 1.3 Kohm
3.9 to 2.7 Kohm
6.2 to 4.3 Kohm
Hole added to new parts

19-1006 to 19-1006-050

1.2 Repair

There are two different meters used in the Canon New Canonet 28 but only the Sekonic meter is stocked as spare parts at the present time. Printed Circuit Boards(19-1006 and 19-1006 -050) are for use with the old or new Sekonic meter only. If a Camera with the Canon Elec. meter requires a new meter, the PCB must also be changed.

Sekonic meters have a meter needle with a flat root, and a green mark on the PCB as shown above.

Canon Elec. meters have a meter needle with a round root and a red mark on the PCB.

Camera Service will stock only the old type Sekonic Meter and both old and new printed circuit boards for the Sekonic meter.

1.2 Repair(cont.)

In cameras with the old Sekonic meter(Flat needle root and body number under 208901) both the Meter Unit (18-0505) and Printed Circuit Board(19-1006) can be changed separately.

In cameras with the new Sekonic meter(Flat needle root and body numbers from 208901) PCB(19-1006-050) can be replaced separately; but if the meter unit is replaced, the old PCB (19-1006) must be installed also.

In cameras with the Canon Elec. meter(Round needle root and red mark on PCB) the meter and PCB must be replaced as a unit only.

1.3 Classification

The new meter and PCB are installed in cameras with Sekonic meters and body numbers from 208901.

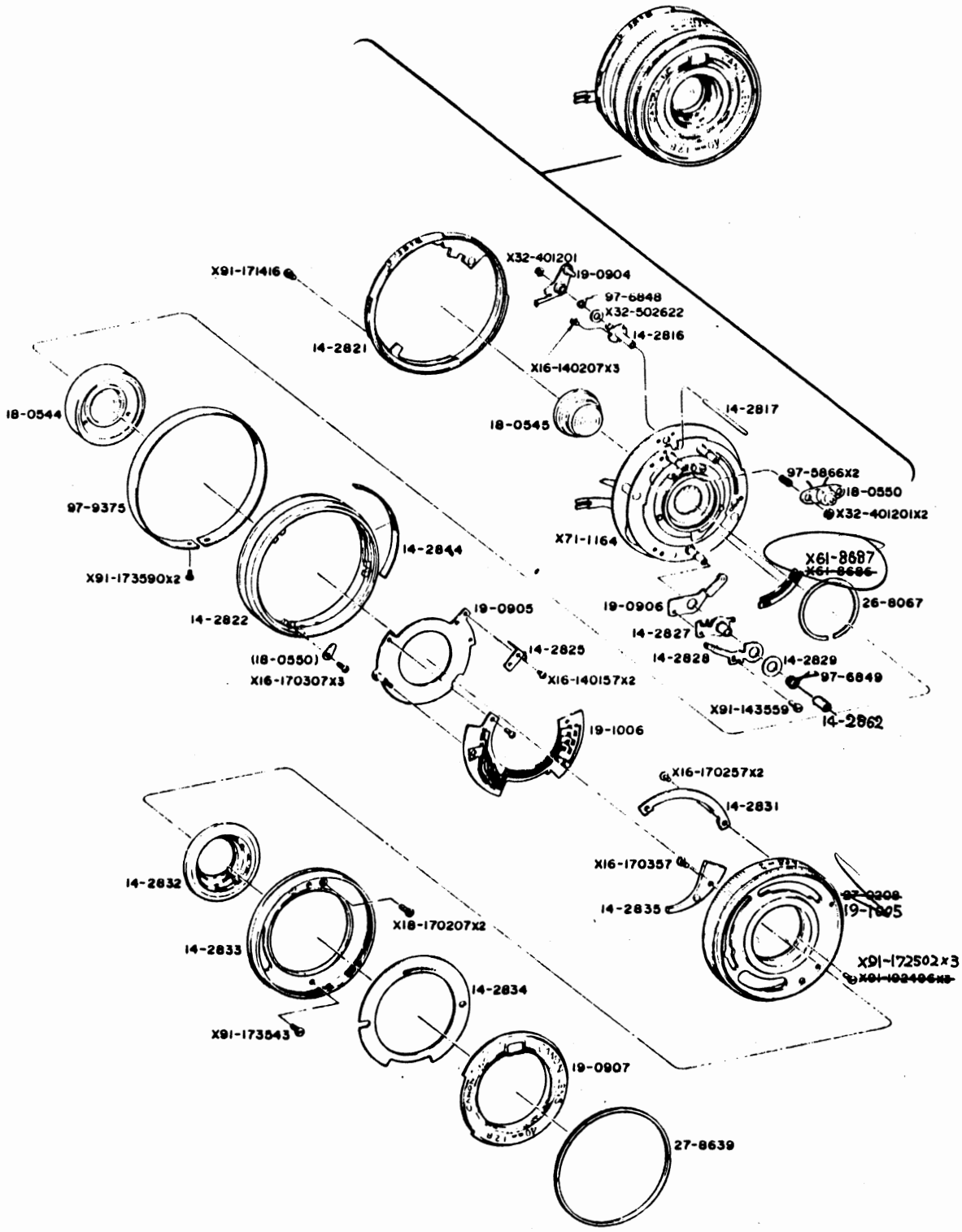
2. Lead Color Change

The color of the lead from the meter to the FA contact has been changed from purple to white.

EXPLODED VIEW

of

CANON NEW CANONET 28

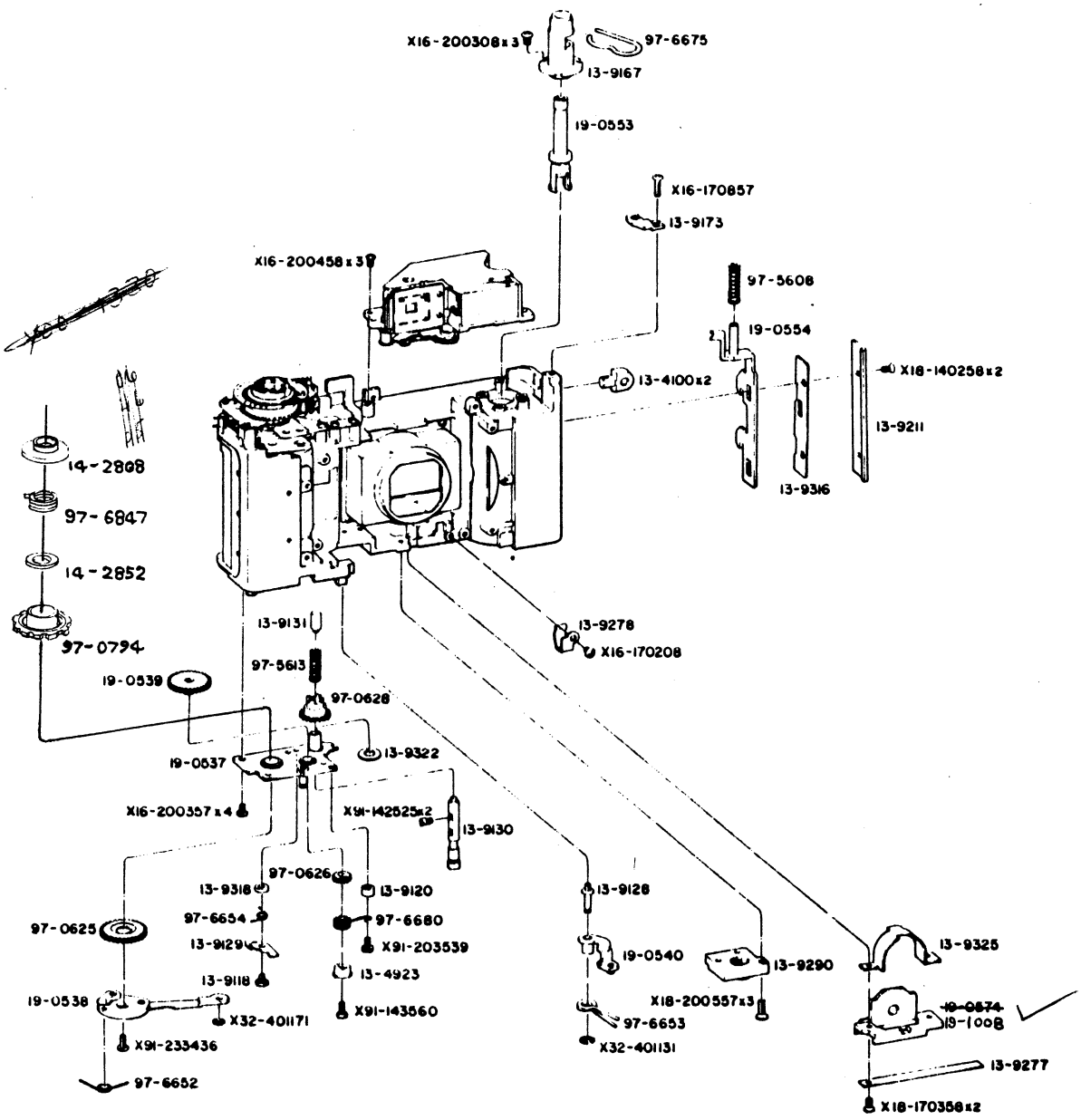


AC33-0087/3

EXPLODED VIEW

of

CANON NEW CANONET 28



SCALE 1-2.0

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Canon SERVICE MANUAL REPORT

Serial No. AC 33-001 E

Service Manual No.C-033

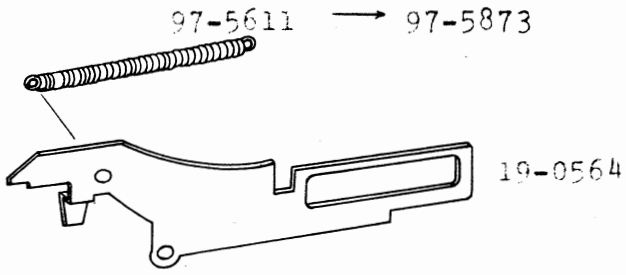
Issued by Camera Service Department, Canon Inc.

Date 1971 / 4 / 20

Canon New Canonet 28 Parts Changes

1-1 Spring Change

To improve the return of Shutter Charge Lever(19-0564) the return spring was changed. The part number was changed from 97-5611 to 97-5873 .

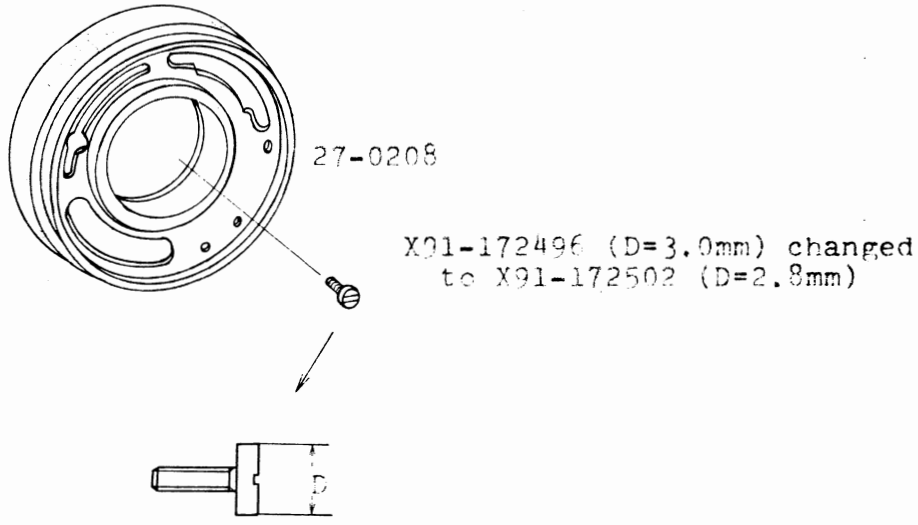


1-2 Repair

New and old parts are interchangeable. Only new parts will be stocked.

2-1 Screw Head Change

Three screws (X91-192496) in Focusing Ring(27-0208) could partially brush the front lens unit and make infinity adjustment impossible. Therefore the head diameter of the screw has been changed and the part number is changed from X91-192496 to X91-172502. The head diameter was reduced from 3.0 to 2.8mm.



2-2 Repair

If the lens touches the screws, change the screws. Only new screws will be stocked.

Canon SERVICE MANUAL REPORT

Serial No. AC 33-002 E

Service Manual No. C-033

Issued by Camera Service Department, Canon Inc.

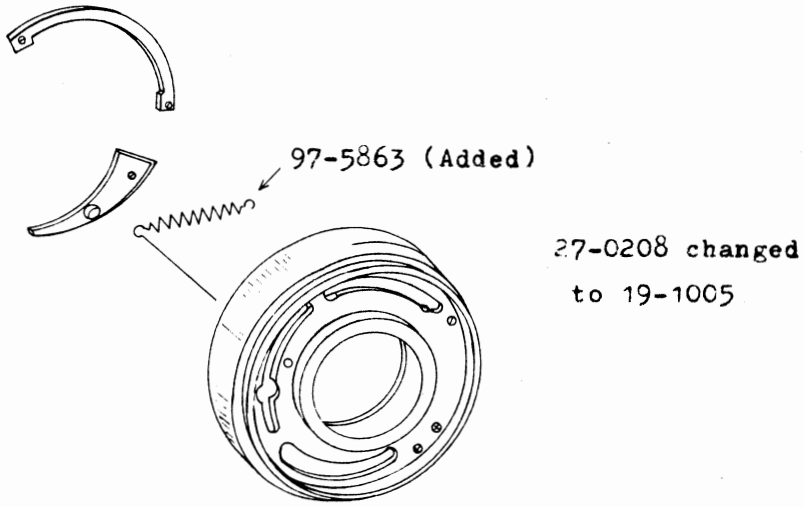
Date 1971 / 5 / 7

NEW CANONET 28 Parts and Part Number Changes

Make the following changes to the Repair Manual ,pg.3.

1. Coil Spring(97-5863) should be added as shown.

2. Change Focusing Ring part number from 27-0208 to 19-1005.



Canon SERVICE MANUAL REPORT

Serial No. AC 33-004 E

Service Manual No. C-033

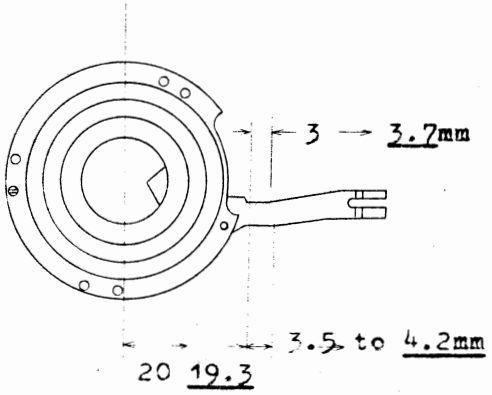
Issued by Camera Service Department, Canon Inc.

Date 1971 / 5 / 28

Canon NEW CANONET 28 Release Lever Change

1. Change

When the aperture ring was set to F 11 the Shutter Unit(X71-1164) Release Lever touched Aperture Ring(14-2821), therefore the straight part of the lever has been lengthened as shown.



2. Repair

Old and new shutter units are interchangeable. Camera Service will stock only new shutter units.

Canon SERVICE MANUAL REPORT

Serial No. AC 33-005 E

Service Manual No. C-033

Issued by Camera Service Department, Canon Inc.

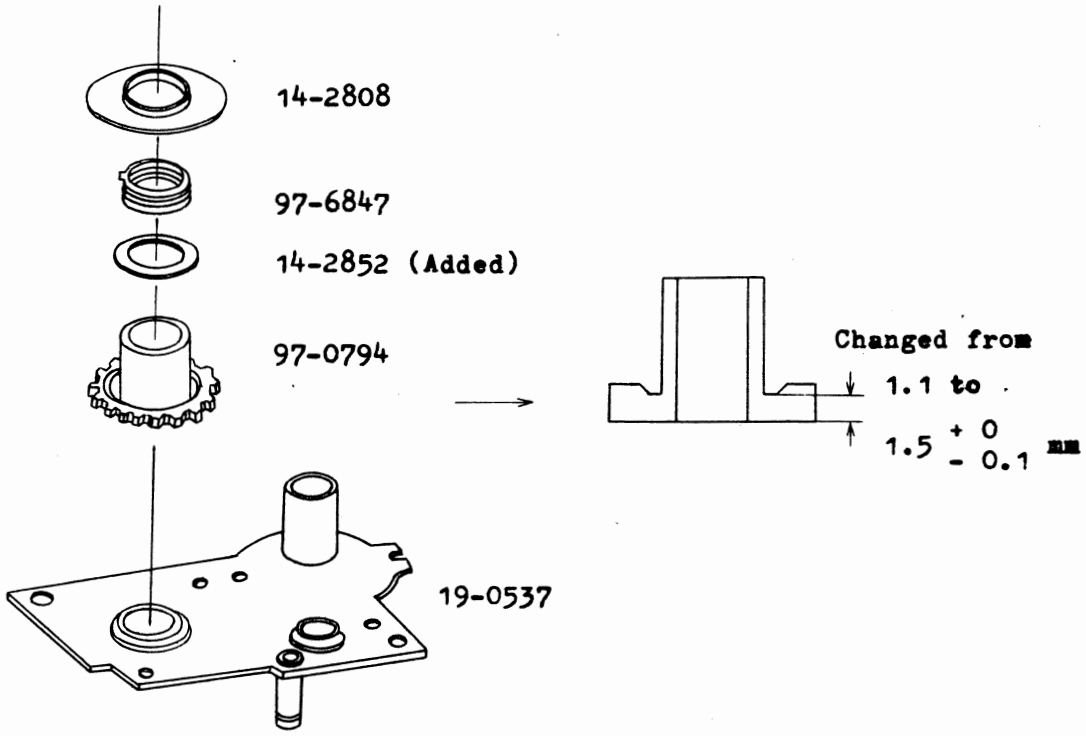
Date 1971 / 6 / 30

Canon NEW CANONET 28 Parts Change

1. Friction Gear

1.1 Change

Spring(97-6847),which prevents excess play in the take up spool, occasionally slips off Friction Gear(97-0794). The friction gear has been changed to prevent this problem.



Added Parts:

14-2852 D Washer

Note: Light Shield(14-2808)(D), Spring(97-6847)(D) and Friction Gear (97-0794)(D) are missing from the original Repair Mamual. They should be added to page 4.

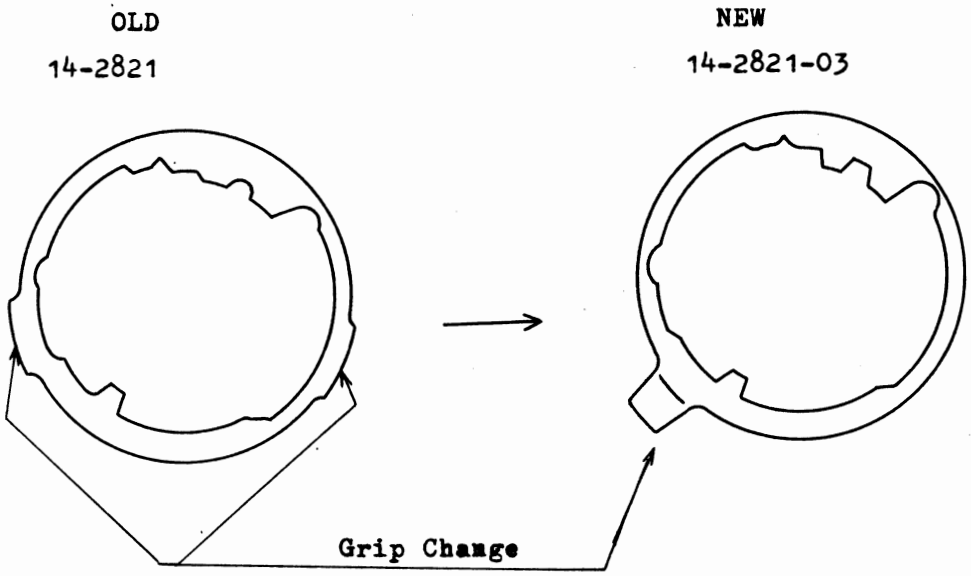
1.2 Repair

Old and new parts are interchangeable. Camera Service will stock only new parts. To repair cameras with the old gear(cameras without Washer(14-2852)), install 4 Washers(14-2852) or replace the gear and use only one washer.

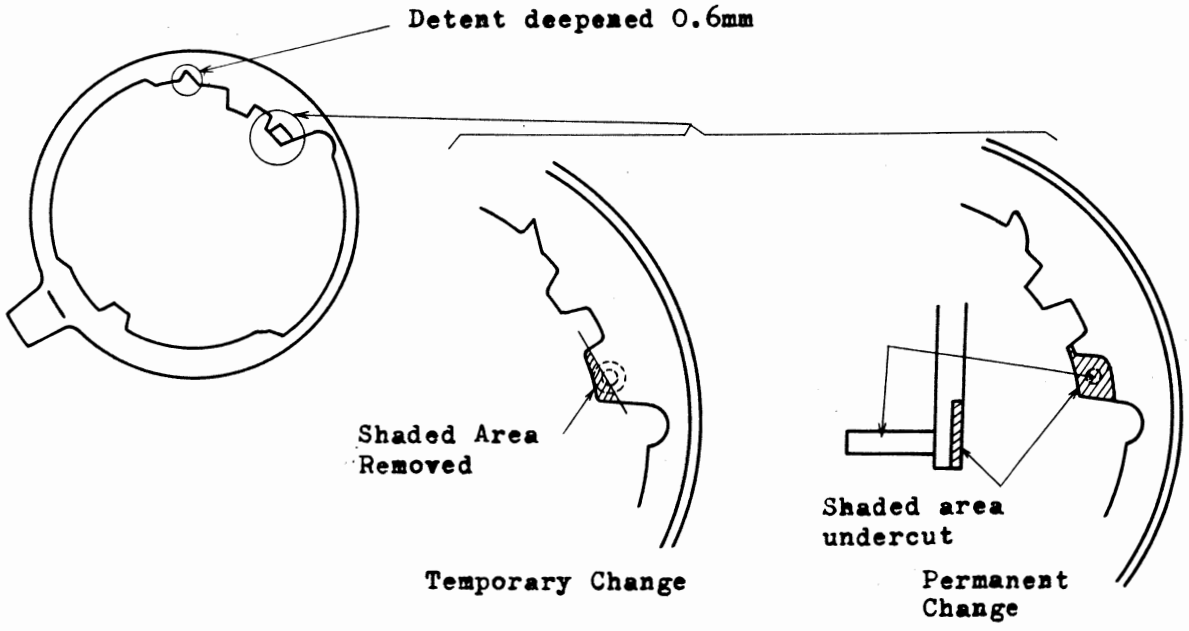
2. Aperture Ring and Shutter Change

2.1 Change

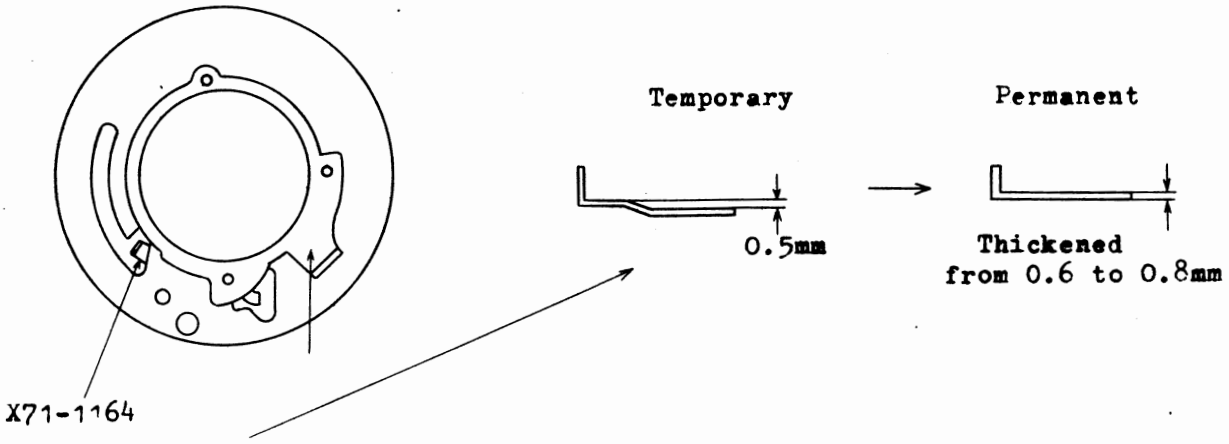
1. To make the Aperture Ring(14-2821) easier to operate, the grip has been changed.



2. To make the Auto (A) click stop more positive, the detent has been deepened 0.6mm.
3. When the aperture ring is set to F 11 the Shutter Charge Gear (X71-1164) sometimes catches under the Aperture Ring(14-2821). As a temporary measure, a small part of the aperture was cut as shown. As the permanent cure, the underside of the aperture ring was relieved to prevent interference.



4. When the Shutter Charge Ring pushed Shutter Release Lever(X71-1164) the lever sometimes bent slightly and the charge ring slipped over it. As a temporary measure, the lever was bent up slightly, and as the permanent cure, it is now made from thicker material.



2.2 Repair

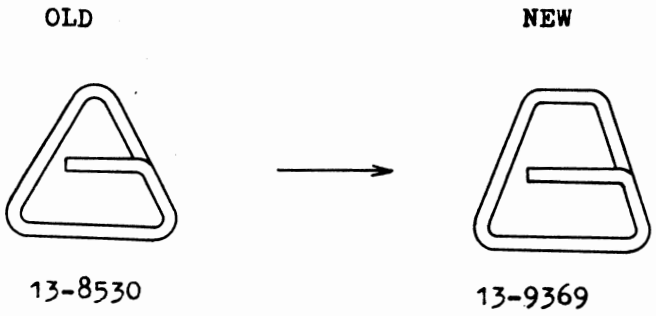
The new aperture ring cannot be used with shutters with the old shutter release lever, but either type aperture ring can be used with new shutters.

Camera Service will stock the new shutters only, but will stock both the new and the modified old type aperture ring.

3. Strap Ring Change

3.1 Change

To prevent wear of the strap lugs and make the strap rings easier to install, their shape has been changed.



Added Parts:

13-9369 C Strap Ring

3.2 Repair

If the strap lugs are changed, change the strap rings also.

Canon SERVICE MANUAL REPORT Serial No. AC33-006 E

Service Manual No. C-033

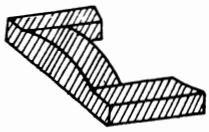
Issued by Camera Service Department, Canon Inc. Date 1971 / 7 / 26

Canon NEW CANONET 28 Parts Consolidation

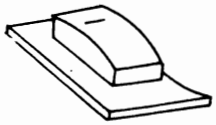
1. Change

Counter Window (13-9280) and Counter Window Frame (13-9330) were originally separate parts but now they are molded as a single part [Counter Window (13-9280)].

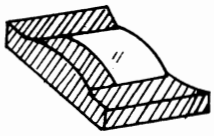
OLD NEW



13-9330 deleted



13-9280 changed



13-9280

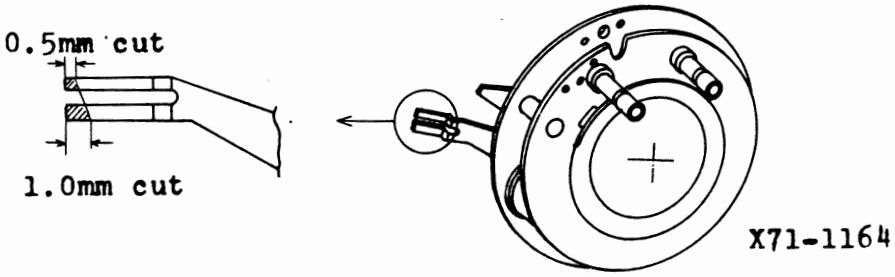
2. Repair

New and old parts are interchangeable. Camera Service will stock only the new single part which replaces both old parts.

2. Shutter Release Lever Change

2.1 Change

The shutter release lever of the Shutter Unit(X71-1164) sometimes touches Shutter Release Lever(19-0562) during charge. To prevent this problem, the shutter unit lever has been shortened as shown.



2.2 Repair

Old and new shutter units are interchangable. Camera Service will stock new units only.

If the shutter jams due to this reason, either install a new shutter unit or cut the old unit's release lever to the above shape.

Canon SERVICE MANUAL REPORT Serial No. AC33-007 E

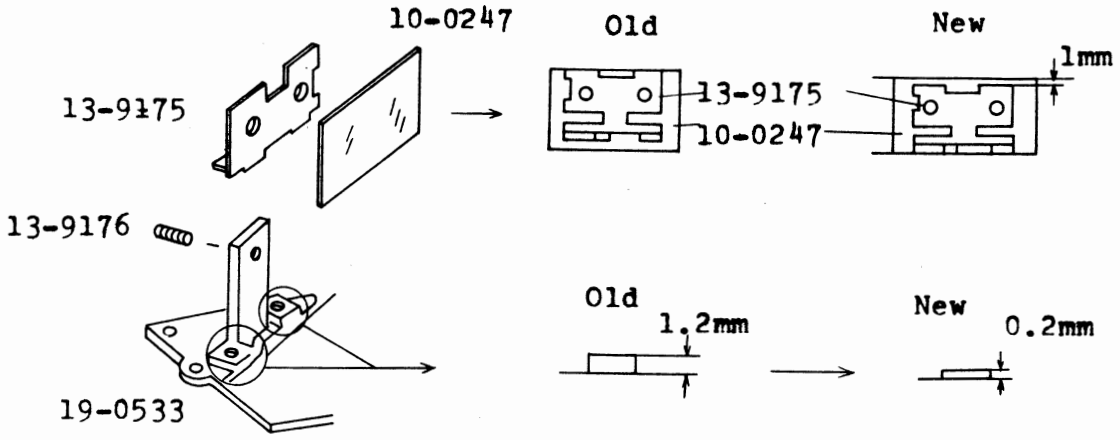
Service Manual No. C-033

Issued by Camera Service Department, Canon Inc. Date 1971 / 7 / 30

Canon NEW CANONET 28 Rangefinder Mirror Improvement

1. Change

To decrease the pressure on Adjustment Screw(13-9176) so that it does not loosen and change the ∞ adjustment, the mounting position has been lowered which makes the pivot point farther from the screw and thus lowers the pressure on the screw. The part number for the Finder Box is changed to 19-0533 which is also used on the New Canonet QL 17, QL 19, and Canodate E.



2. Repair

Old and new parts are interchangeable. Camera Service will stock new parts only.

When gluing the mirror to the Mirror Base(13-9175), position the top of the mirror base one millimeter below the top of the mirror.

CANON REPAIR MANUAL

CANON CANONET G-III 17
(REF. NO. 1-30807)

BLACK

CANON CANONET G-III 17
(REF. NO. 1-30808)

CANON INC. JAPAN

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EXPLODED VIEW of CANON CANONET G-III 17 CANON BLACK CANONET G-III 17

REF. NO. 1-30807
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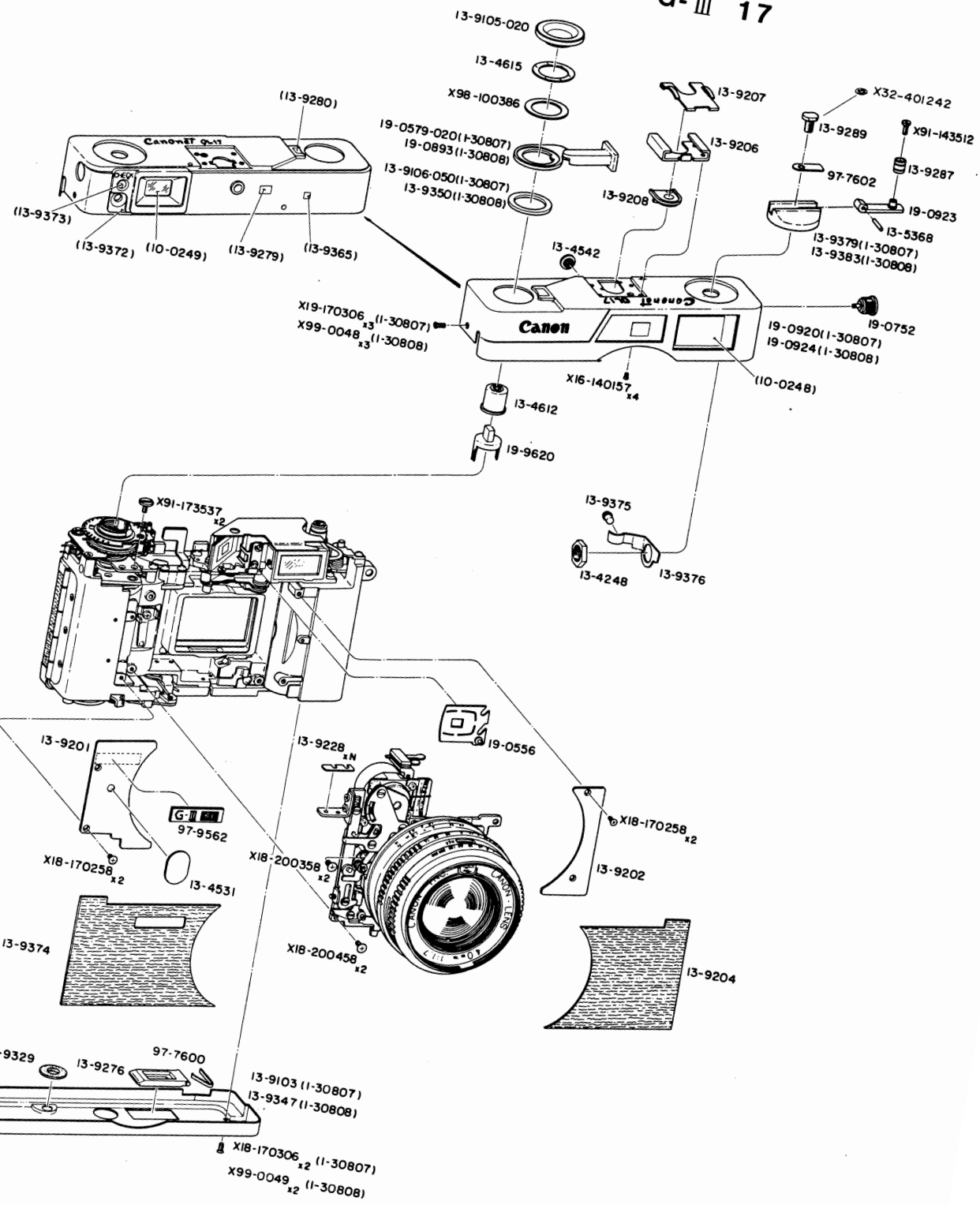

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REF. NO. 1-30808

PARTS LIST

TOP COVER & BASE COVER

上部カバー　　下部カバー

部品名称	CLASS	PARTS NO.	QTY.	DESCRIPTION
前面ガラス	B	10-0248	1	Front Glass
接眼レンズ	B	10-0249	1	Eyepiece Lens
ナット	E	13-4248	1	Nut
キャップ	C	13-4531	1	Cap
キャップ	D	13-4542	1	Cap
シャッター釦	D	13-4612	1	Shutter Button
ワッシャー	D	13-4615	1	Washer
クランクピン	C	13-5368	1	Pin
下部カバー	C	13-9103	1	Base Cover
釦リング	C	13-9105-020	1	Shutter Button Guard
ワッシャー	D	13-9106-050	1	Washer
前カバー	C	13-9201	1	Front Cover
前カバー	C	13-9202	1	Front Cover
レザー	B	13-9204	1	Leather
アクセサリーシュー	B	13-9206	1	Accessory Shoe
アクセサリーシューカバー	B	13-9207	1	Accessory Shoe Cover
直結シンクロターミナル	C	13-9208	1	Connect Flash Terminal
調整ワッシャー ( )内の数字は厚さを示す。 (単位mm)	A	13-9228(0.20) 13-9228(0.30)	N	Adjusting Washer Parenthesized numbers indicate thickness. (Unit: mm)
水銀電池室ふた	C	13-9276	1	Battery Cover
フィルム送り指標窓	C	13-9279	1	Film Feed Index Window
カウンター窓	C	13-9280	1	Counter Window
クランク座	C	13-9287	1	Rewind Crank Head
クランクビス	C	13-9289	1	Screw
モルトプレーン	C	13-9329	1	Light Shield
下部カバー	C	13-9347	1	Base Cover
ワッシャー	D	13-9350	1	Washer
シャッターチャージ指標窓	C	13-9365	1	Shutter Charge Index Window
接眼レンズ枠	C	13-9372	1	Eyepiece Frame
ランプ窓	C	13-9373	1	Lamp Window
レザー	B	13-9374	1	Leather
チェッカー釦	D	13-9375	1	Checker Button
チェッカー接片	D	13-9376	1	Checker Contact
巻き戻しノブ	C	13-9379	1	Rewind Knob
巻き戻しノブ	C	13-9383	1	Rewind Knob
ファインダーマスク	C	19-0556	1	Finder Mask
巻き上げレバー	C	19-0579-020	1	Winding Lever
シンクロターミナル	D	19-0752	1	Flash Terminal
巻き上げレバー	C	19-0893	1	Winding Lever
上部カバー	C	19-0920	1	Top Cover
巻き戻しクランク	D	19-0923	1	Rewind Crank
上部カバー	C	19-0924	1	Top Cover
シャッター釦座	D	19-9620	1	Shutter Button Base
板スプリング	D	97-7600	1	Plate Spring
板スプリング	D	97-7602	1	Plate Spring
QLマーク	D	97-9562	1	QL Mark
十字ナベビス		X16-140157	4	Screw
十字皿ビス		X16-200458	2	Screw
十字皿ビス		X18-170258	4	Screw
十字皿ビス		X18-170306	2	Screw
十字皿ビス		X18-200358	2	Screw
十字丸皿ビス		X19-170306	3	Screw
緊定ワッシャー		X32-401242	1	Retaining Washer
平ビス		X91-143512	1	Screw
平ビス		X91-173537	2	Screw
ワッシャー		X98-100386	1	Washer
十字丸皿ビス		X99-0048	3	Screw
十字皿ビス		X99-0049	2	Screw

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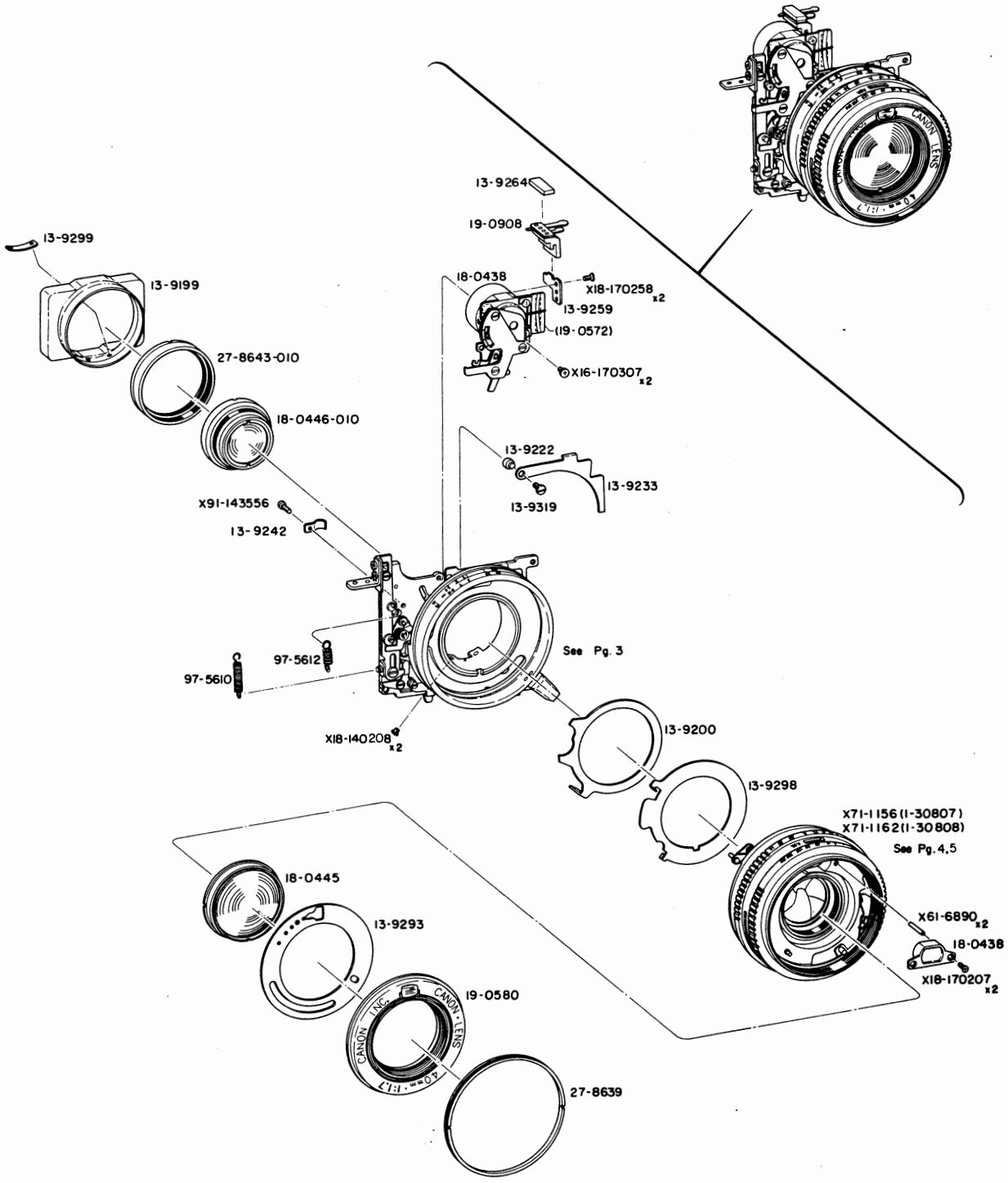
EXPLODED VIEW
of
CANON CANONET G-III 17
CANON BLACK CANONET G-III 17



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PARTS LIST

SHUTTER, LENS UNIT & METER UNIT

シヤッター　レンズユニット　メーターユニット

部品名称	CLASS	PARTS NO.	QTY.	DESCRIPTION
遮光筒	D	13-9199	1	Light Shield
チャージリング	C	13-9200	1	Charge Ring
カラー	D	13-9222	1	Collar
パララックス調整レバー	E	13-9233	1	Parallax Adjusting Lever
コード押え	D	13-9242	1	Cord Holder
接片支持板	D	13-9259	1	Contact Support
モルトプレーン	C	13-9264	1	Contact Holder
絞り板	D	13-9293	1	Diaphragm Plate
チャージリング座	C	13-9298	1	Intermediate Ring
ナット	C	13-9299	1	Nut
ビス	C	13-9319	1	Screw
メーターユニット	C	18-0438	1	Exposure Meter Unit
前玉ユニット	C	18-0445	1	Front Lens Unit
後玉ユニット	C	18-0446-010	1	Rear Lens Unit
絞り目盛板	D	19-0572	1	Aperture Scale Plate
ネーム環	C	19-0580	1	Name Ring
接片	D	19-0908	1	Contact
押え環	D	27-8639	1	Assembly Collar
押え環	D	27-8643-010	1	Assembly Collar
コイルスプリング	D	97-5610	1	Coil Spring
コイルスプリング	D	97-5612	1	Coil Spring
十字ナベビス		X16-170307	2	Screw
十字皿ビス		X18-140208	2	Screw
十字皿ビス		X18-170207	2	Screw
十字皿ビス		X18-170258	2	Screw
ビニールチューブ	E	X61-6890	2	Vynil Tube
シャッター	C	X71-1156	1	Shutter
シャッター	C	X71-1162	1	Shutter
平ビス		X91-143556	1	Screw

REF. NO. 1-30807
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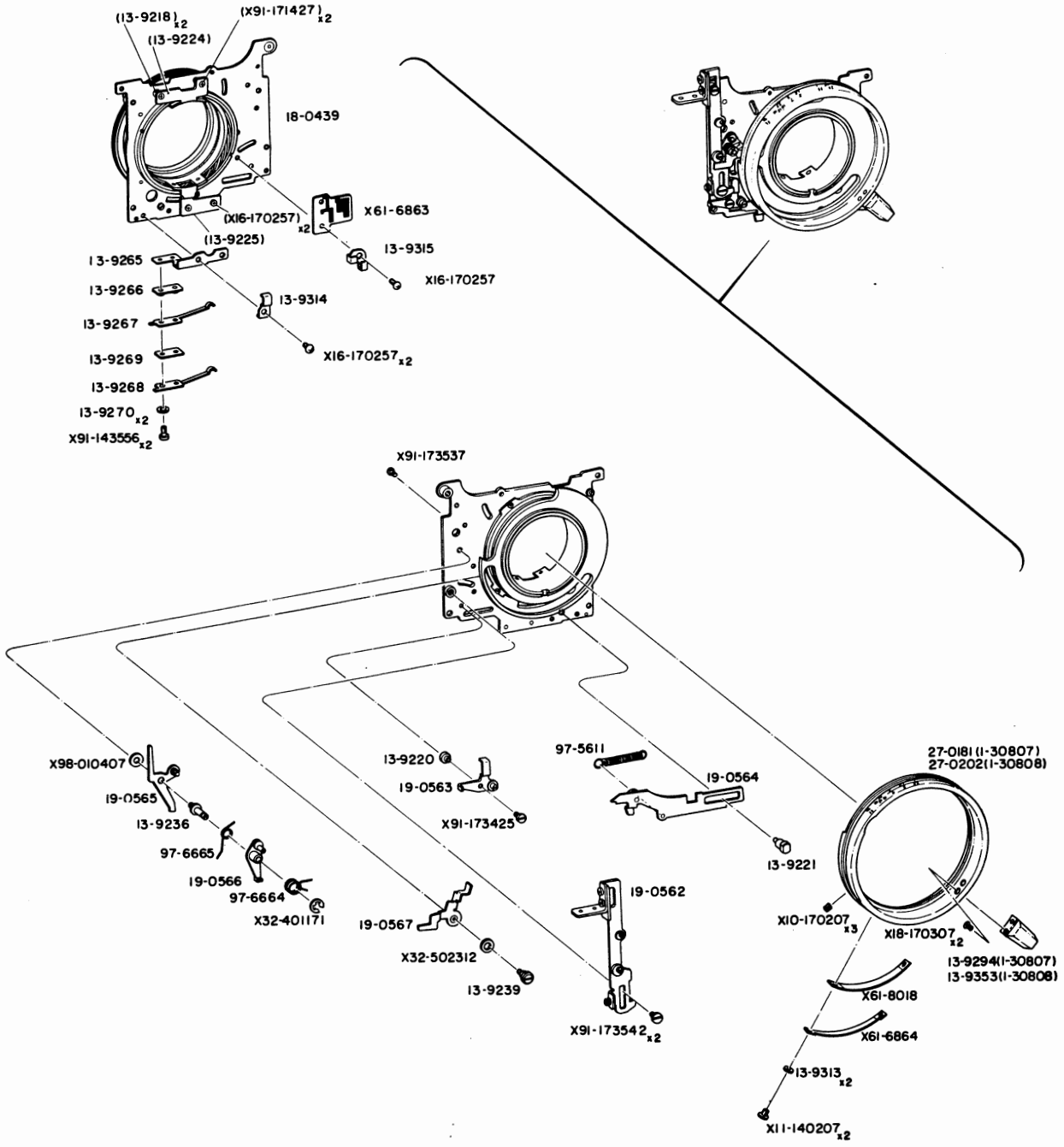
EXPLODED VIEW
of

CANON CANONET G-Ⅲ 17
CANON BLACK CANONET G-Ⅲ 17



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REF. NO. 1-30808

PARTS LIST

FRONT PANEL & FOCUSING RING
前　板　　距離環

部品名称	CLASS	PARTS NO.	QTY.	DESCRIPTION
カラー	D	13-9218	2	Collar
カラー	D	13-9220	1	Collar
ナット	D	13-9221	1	Nut
直進キー	C	13-9224	1	Key
直進キー	C	13-9225	1	Key
ロックレバー軸	D	13-9236	1	Shaft
レリーズレバー軸	D	13-9239	1	Shaft
接片ホルダー	E	13-9265	1	Contact Holder
接片地板	D	13-9266	1	Contact Base
接片	D	13-9267	1	Contact
接片	D	13-9268	1	Contact
絶縁板	D	13-9269	1	Insulator
絶縁板	D	13-9270	2	Insulator
距離つまみ	E	13-9294	1	Facusing Knob
ワッシャー	C	13-9313	2	Washer
コード押え	D	13-9314	1	Cord Holder
コード押え	D	13-9315	1	Cord Holder
距離つまみ	E	13-9353	1	Focusing Knob
前板ユニット	D	18-0439	1	Front Panel Unit
シャッターレリーズレバー	D	19-0562	1	Shutter Release Lever
巻き止め外し	D	19-0563	1	Stopper Remove Lever
シャッターチャージレバー	D	19-0564	1	Shutter Charge Lever
巻き止め外し	D	19-0565	1	Stopper Remove Lever
シャッターロックレバー	D	19-0566	1	Shutter Lock Lever
シャッターレリーズレバー	D	19-0567	1	Shutter Release Lever
距離環	E	27-0181	1	Focusing Ring
距離環	E	27-0202	1	Focusing Ring
コイルスプリング	D	97-5611	1	Coil Spring
スプリング	D	97-6664	1	Spring
スプリング	D	97-6665	1	Spring
止めビス		X10-170207	3	Screw
平ビス		X11-140207	2	Screw
十字ナベビス		X16-170257	5	Screw
十字皿ビス		X18-170307	2	Screw
緊定ワッシャー		X32-401171	1	Retaining Washer
ワッシャー		X32-502312	1	Washer
プリント板		X61-6863	1	Print Circuit Plate
プリント板		X61-6864	1	Print Circuit Plate
カーボン抵抗		X61-8018	1	Resistor
平ビス		X91-143556	2	Screw
平ビス		X91-171427	2	Screw
平ビス		X91-173425	1	Screw
平ビス		X91-173537	1	Screw
平ビス		X91-173542	2	Screw
ワッシャー		X98-010407	1	Washer

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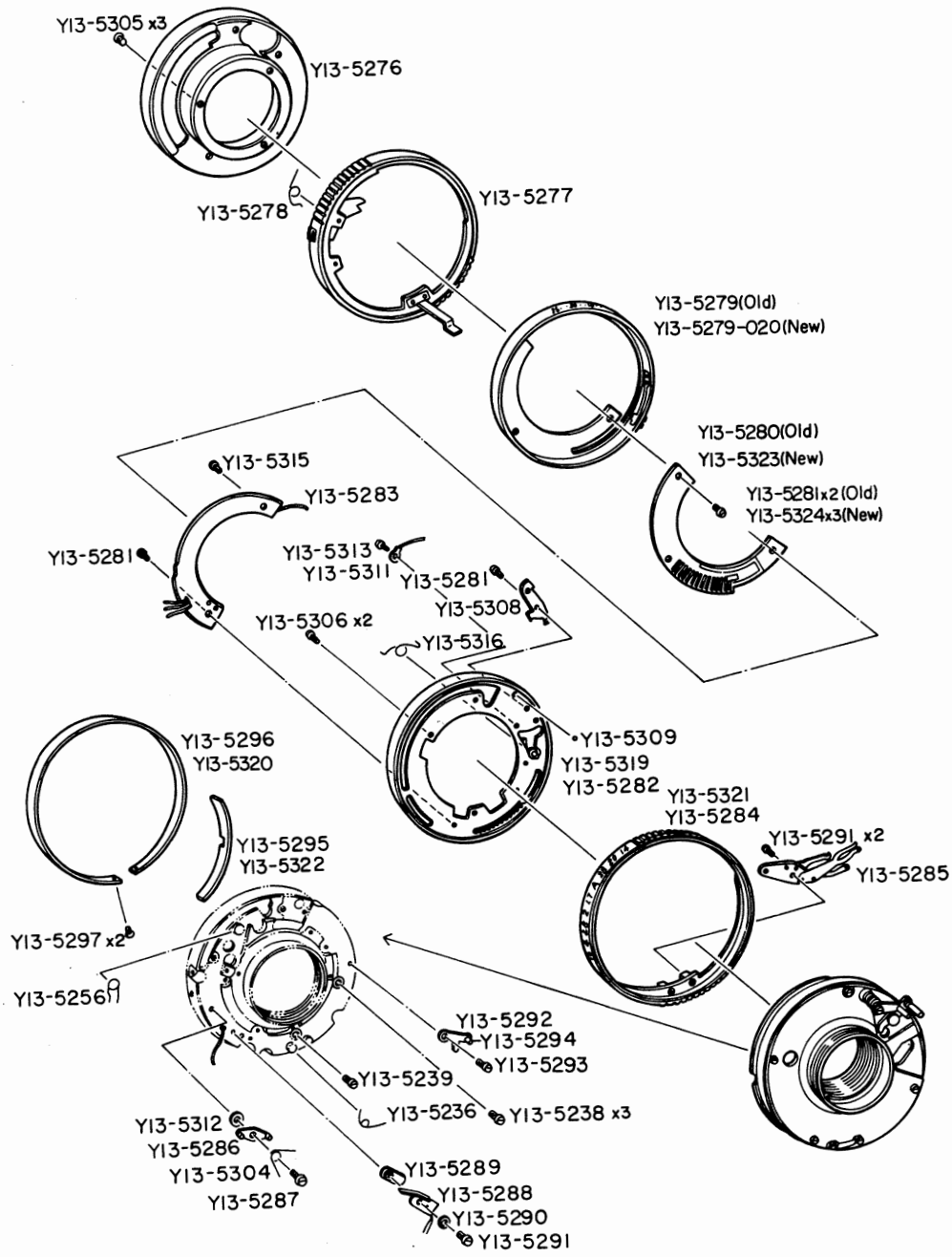
EXPLODED VIEW
of

CANON CANONET G-Ⅲ 17
CANON BLACK CANONET G-Ⅲ 17



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REF. NO. 1-30807
REF. NO. 1-30808

PARTS LIST

SHUTTER
シヤッター

部品名称	CLASS	PARTS NO.	QTY.	DESCRIPTION
スプリング	E	Y13-5236	1	Spring
ビス	E	Y13-5238	3	Screw
ビス	E	Y13-5239	1	Screw
スプリング	E	Y13-5256	1	Spring
前リング	D	Y13-5276	1	Hood Ring
シャッタースピード環	E	Y13-5277	1	Shutter Speed Ring
スプリング	E	Y13-5278	1	Spring
ASA環	E	Y13-5279	1	Film Speed Ring
ASA環	E	Y13-5279-020	1	Film Speed Ring
抵抗基板	D	Y13-5280	1	Resistor Plate
ビス	E	Y13-5281	4	Screw
指標環	E	Y13-5282	1	Marking Ring
プリント板	E	Y13-5283	1	Print Circuit Plate
絞り環	E	Y13-5284	1	Aperture Scale Ring
接片ユニット	E	Y13-5285	1	Contact Assembly
スイッチレバー	E	Y13-5286	1	Switch Lever
ビス	E	Y13-5287	1	Screw
接片	E	Y13-5288	1	Contact
絶縁板	E	Y13-5289	1	Insulator
絶縁板	E	Y13-5290	1	Insulator
ビス	E	Y13-5291	3	Screw
マニュアルレバー	E	Y13-5292	1	Manual Lever
ビス	E	Y13-5293	1	Screw
調整ビス	E	Y13-5294	1	Adjusting Screw
ダストカバー	E	Y13-5295	1	Dust Cover
ネームプレート	E	Y13-5296	1	Name Plate
ビス	B	Y13-5297	2	Screw
スプリング	E	Y13-5304	1	Spring
ビス	E	Y13-5305	3	Screw
ビス	E	Y13-5306	2	Screw
板スプリング	E	Y13-5308	1	Plate Spring
スチールボール	D	Y13-5309	1	Steel Ball
リード線	E	Y13-5311	1	Lead
ワッシャー	E	Y13-5312	1	Washer
ビス	E	Y13-5313	1	Screw
ビス	E	Y13-5315	1	Screw
スプリング	E	Y13-5316	1	Spring
指標環	D	Y13-5319	1	Marking Ring (1-30808)
ネームプレート	C	Y13-5320	1	Name Plate (1-30808)
絞り目盛環	C	Y13-5321	1	Aperture Scale Ring (1-30808)
ダストカバー	D	Y13-5322	1	Dust Cover (1-30808)
抵抗基板	D	Y13-5323	1	Resistor Plate
ビス	E	Y13-5324	3	Screw

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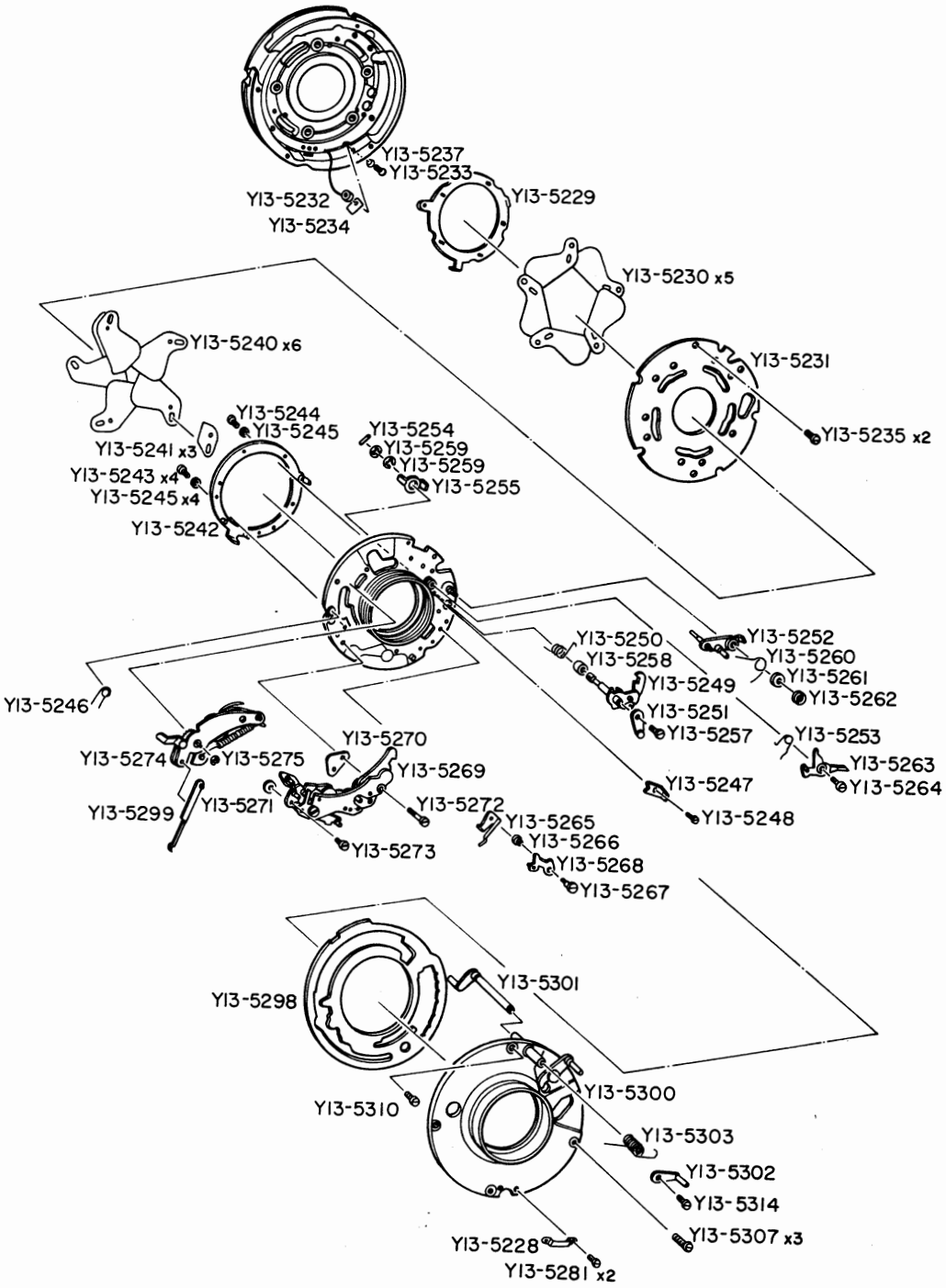
REF. NO. 1-30808

EXPLODED VIEW
of

CANON CANONET G-Ⅲ 17
CANON BLACK CANONET G-Ⅲ 17



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REF. NO. 1-30807
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PARTS LIST

SHUTTER
シヤッター

部品名称	CLASS	PARTS NO.	QTY.	DESCRIPTION
リード線押え	E	Y13-5228	1	Lead Holder
絞りコントロール環	E	Y13-5229	1	Diaphragm Control Ring
絞り羽根	D	Y13-5230	5	Diaphragm Blade
中間板	E	Y13-5231	1	Blade Retaining Panel
シンクロリード線	E	Y13-5232	1	Flash Lead Wire
ビス	E	Y13-5233	1	Screw
絶縁テープ	E	Y13-5234	1	Insulator Tape
ビス	E	Y13-5235	2	Screw
絶縁板	E	Y13-5237	1	Insulator
シャッター羽根	D	Y13-5240	6	Shutter Blade
シャッター補助羽根	D	Y13-5241	3	Sub Shutter Blade
シャッター羽根押え	E	Y13-5242	1	Blade Holder
ビス	E	Y13-5243	4	Screw
ビス	E	Y13-5244	1	Screw
ワッシャー	E	Y13-5245	5	Washer
スプリング	E	Y13-5246	1	Spring
テンションストッパー	E	Y13-5247	1	Tension Stopper
ビス	E	Y13-5248	1	Screw
コッキングレバー	E	Y13-5249	1	Main Cocking Lever
スプリング	E	Y13-5250	1	Spring
コッキングレバー	E	Y13-5251	1	Cocking Lever
レリーズレバー	E	Y13-5252	1	Release Lever
スプリング	E	Y13-5253	1	Spring
ピン	E	Y13-5254	1	Pin
絞り固定レバー	E	Y13-5255	1	Aperture Set Lever
ビス	E	Y13-5257	1	Screw
カラー	E	Y13-5258	1	Collar
緊定ワッシャー	E	Y13-5259	2	Retaining Washer
スプリング	E	Y13-5260	1	Spring
ワッシャー	E	Y13-5261	1	Washer
ナット	E	Y13-5262	1	Nut
バルブロックレバー	E	Y13-6263	1	B Lock Lever
ビス	E	Y13-5264	1	Screw
X接片	E	Y13-5265	1	X Contact
絶縁板	E	Y13-5266	1	Insulator
ビス	E	Y13-5267	1	Screw
X接片	E	Y13-5268	1	X Contact
スローガバナー	D	Y13-5269	1	Slow Governor Unit
ワッシャー	E	Y13-5270	1	Washer
ワッシャー	E	Y13-5271	1	Washer
ビス	E	Y13-5272	1	Screw
ビス	E	Y13-5273	1	Screw
セルフタイマー	D	Y13-5274	1	Self Timer Unit
緊定ワッシャー	E	Y13-5275	1	Retaining Washer
ビス	E	Y13-5281	2	Screw
中板	E	Y13-5298	1	Inner Panel
クリックスプリング	E	Y13-5299	1	Click Spring
後板	E	Y13-5300	1	Rear Panel
EE軸	E	Y13-5301	1	EE Shaft
EEレバー	E	Y13-5302	1	EE Lever
スプリング	E	Y13-5303	1	Spring
ビス	E	Y13-5307	3	Screw
ビス	E	Y13-5310	1	Screw
ビス	E	Y13-5314	1	Screw

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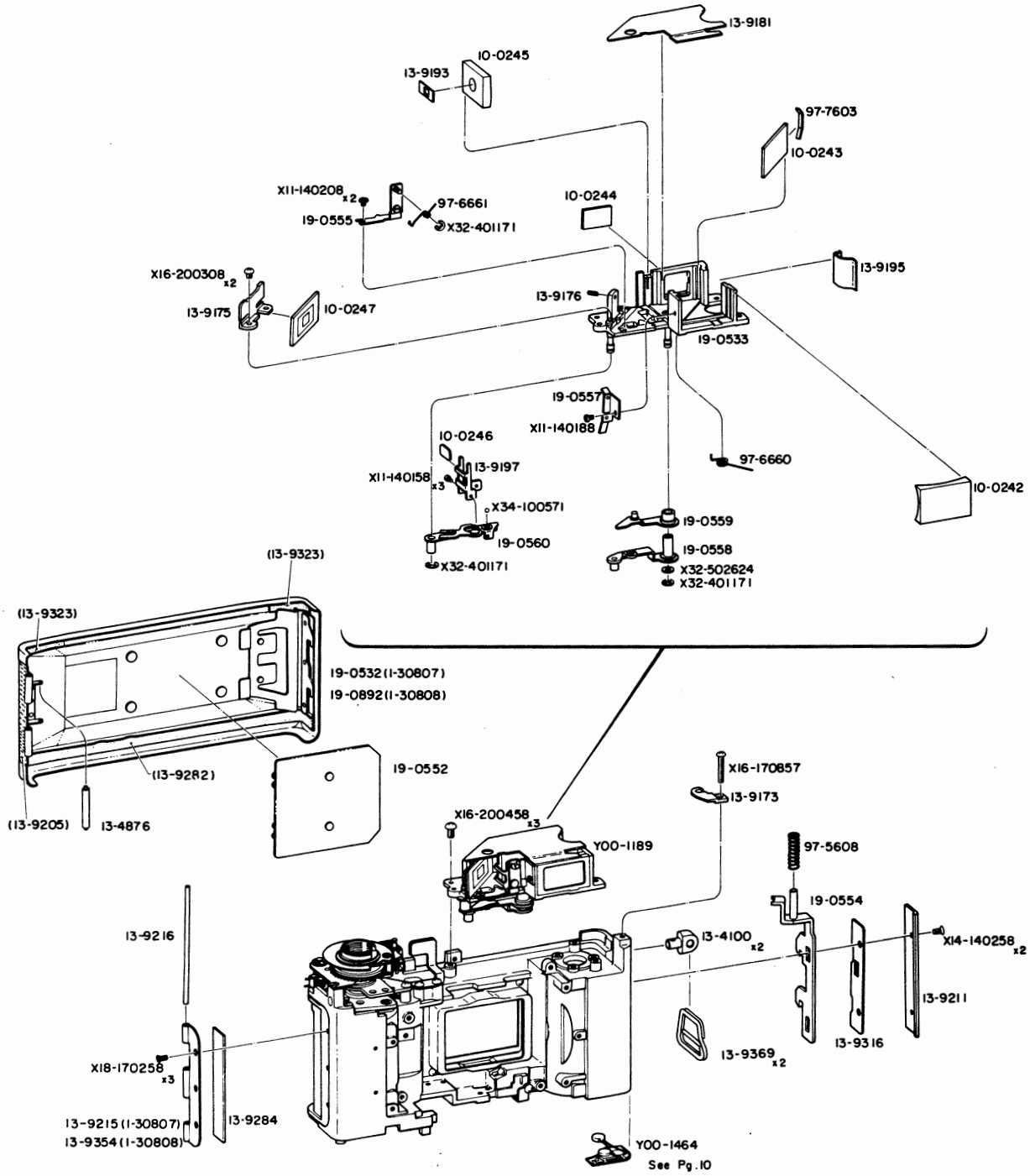
REF. NO. 1-30808

EXPLODED VIEW
of
CANON CANONET G-Ⅲ 17
CANON BLACK CANONET G-Ⅲ 17



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REF. NO. 1-30808

PARTS LIST

VIEW FINDER & BACK COVER
距離計　裏ぶた

部品名称	CLASS	PARTS NO.	QTY.	DESCRIPTION
ファインダーユニット	D	Y00-1189	1	View Finder Unit
チェッカープリント板	D	Y00-1464	1	Checker Circuit Board
レンズ	D	10-0242	1	Lens Element
ハーフミラー	D	10-0243	1	Half Mirror
レンズ	D	10-0244	1	Lens Element
レンズ	D	10-0245	1	Lens Element
レンズ	D	10-0246	1	Lens Element
ミラー	D	10-0247	1	Mirror
耳環	D	13-4100	2	Neck Strap Catch
蝶番軸	D	13-4876	1	Shaft of Hinge
軸受け	D	13-9173	1	Shaft Holder
ミラー地板	E	13-9175	1	Mirror Base
ビス	C	13-9176	1	Screw
ファインダー上カバー	E	13-9181	1	Finder Top Cover
マスク	E	13-9193	1	Mask
ファインダー横カバー	E	13-9195	1	Finder Side Cover
移動レンズ台	E	13-9197	1	Movement Lens Base
レザー	B	13-9205	1	Leather
ロックレバーカバー	C	13-9211	1	Lock Lever Cover
蝶番	D	13-9215	1	Hinge
蝶番軸	D	13-9216	1	Shaft of Hinge
モルトプレーン	C	13-9282	1	Light Shield
テレンプ	D	13-9284	1	Light Shield
スペーサー	D	13-9316	1	Spacer
モルトプレーン	E	13-9323	2	Light Shield
蝶番	D	13-9354	1	Hinge
吊環	C	13-9369	2	Neck Strap Adapter
裏ぶた	D	19-0532	1	Back Cover
ファインダー地板	E	19-0533	1	Finder Box
圧着板	C	19-0552	1	Pressure Plate
ロックレバー	D	19-0554	1	Lock Lever
ファインダーマスクホルダー	D	19-0555	1	Finder Mask Holder
レンズ押え	E	19-0557	1	Lens Pressure
連動レバー	E	19-0558	1	Connecting Lever
連動レバー	E	19-0559	1	Connecting Lever
バネ板	E	19-0560	1	Spring Lever
裏ぶた	D	19-0892	1	Back Cover
コイルスプリング	D	97-5608	1	Coil Spring
スプリング	D	97-6660	1	Spring
スプリング	D	97-6661	1	Spring
板スプリング	D	97-7603	1	Plate Spring
平ビス		X11-140158	3	Screw
平ビス		X11-140188	1	Screw
平ビス		X11-140208	2	Screw
皿ビス		X14-140258	2	Screw
十字ナベビス		X16-170857	1	Screw
十字ナベビス		X16-200308	2	Screw
十字ナベビス		X16-200458	3	Screw
十字皿ビス		X18-170258	3	Screw
緊定ワッシャー		X32-401171	3	Retaining Washer
ワッシャー		X32-502624	1	Washer
スチールボール		X34-100571	1	Steel Ball

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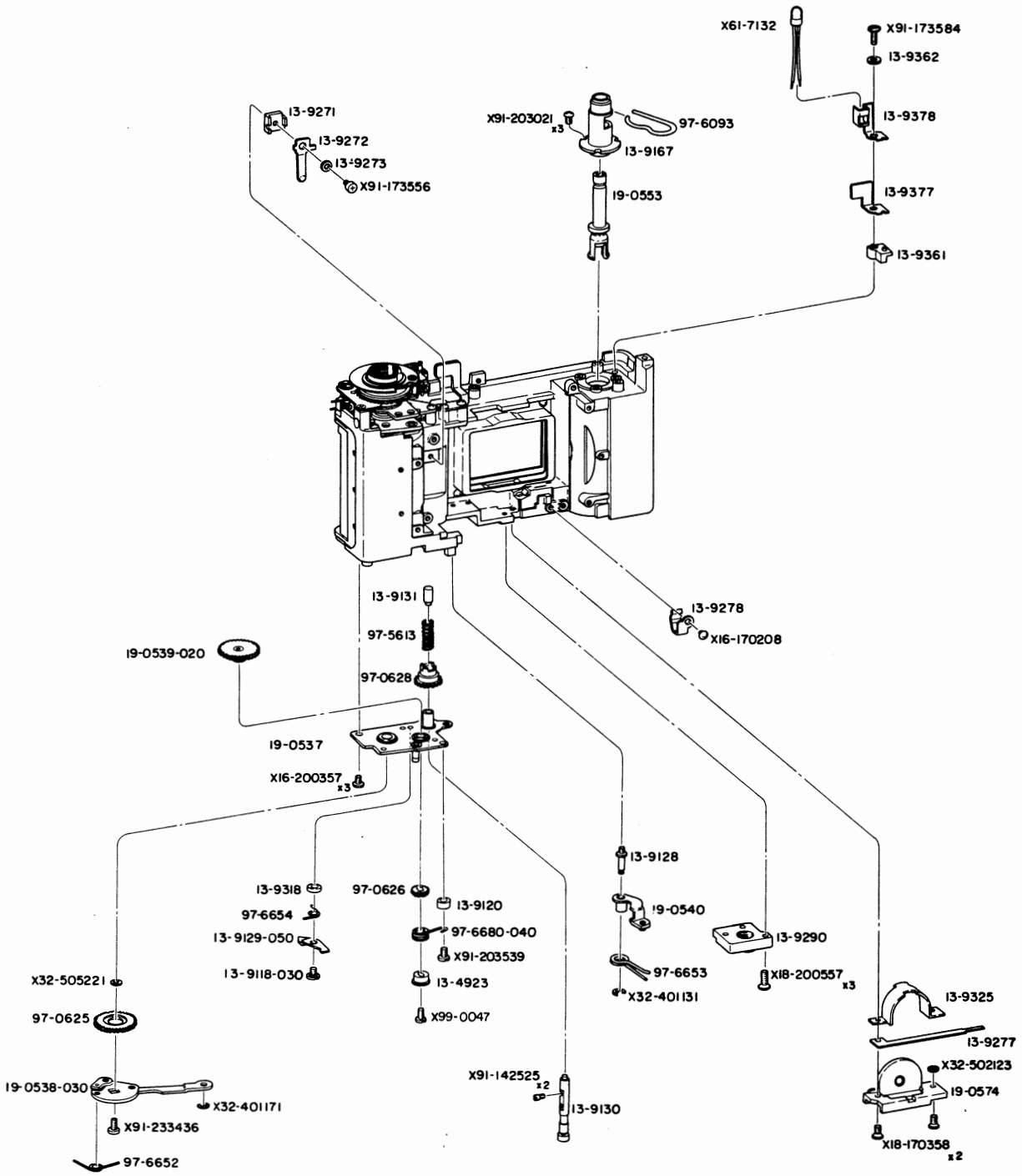
EXPLODED VIEW
of

CANON CANONET G-Ⅲ 17
CANON BLACK CANONET G-Ⅲ 17



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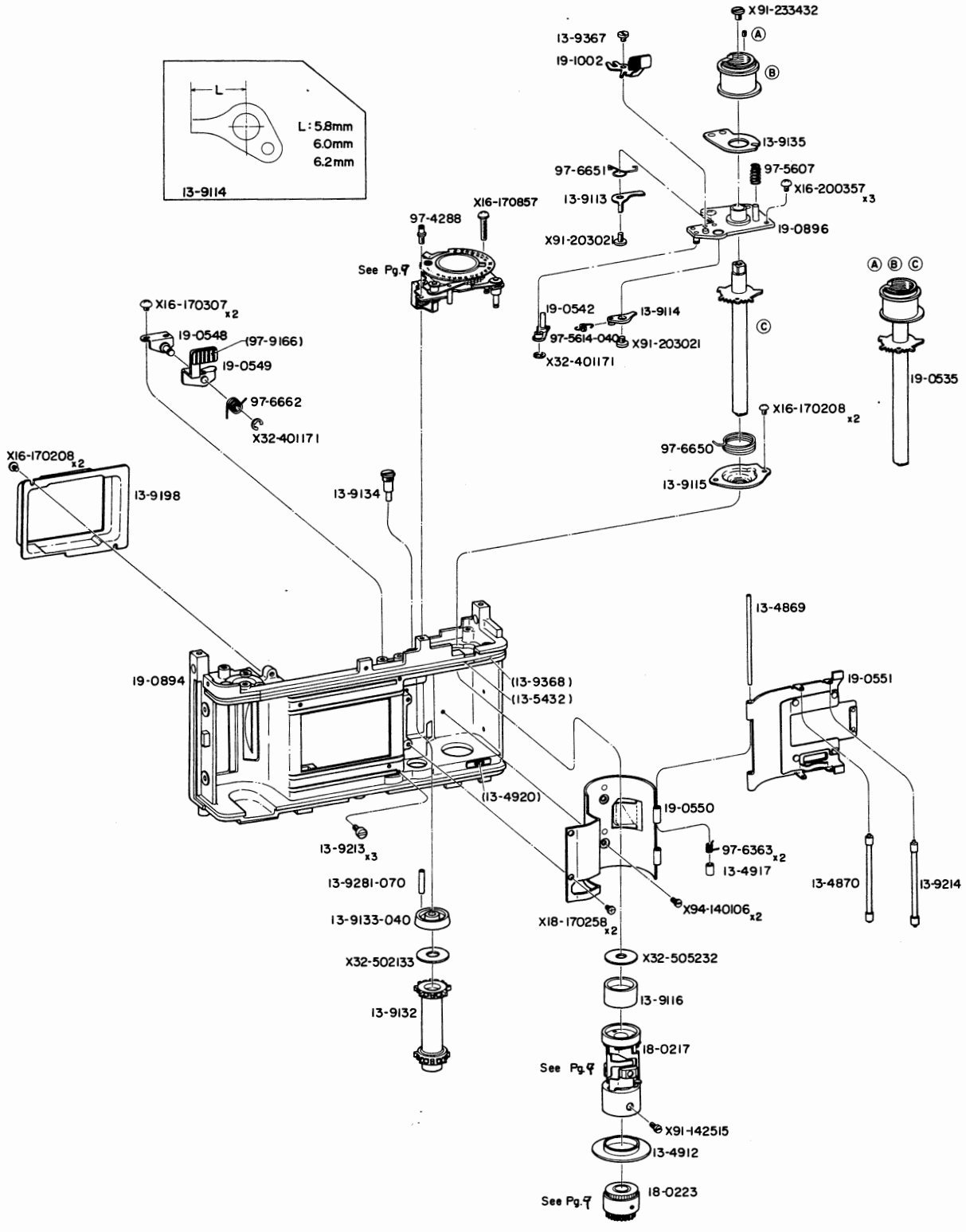
PARTS LIST

CHECKER LAMP & WINDING MECHANISM
チェッカー ランプ 巻き上げ 機構

部品名称	CLASS	PARTS NO.	QTY.	DESCRIPTION
カラー	D	13-4923	1	Collar
スタッド	D	13-9118-030	1	Stud
カラー	C	13-9120	1	Collar
チャージスプリング軸	D	13-9128	1	Charge Spring Shaft
ラチェットレバー	D	13-9129-050	1	Ratchet Lever
Rボタン	D	13-9130	1	Rewind Button
バネ受け	E	13-9131	1	Spring Catcher
巻戻しメタル	C	13-9167	1	Rewind Metal
接片地板	E	13-9271	1	Contact Base
接片	D	13-9272	1	Contact
絶縁板	D	13-9273	1	Insulator
水銀電池外し	C	13-9277	1	Battery Take Out Plate
水銀電池接片	D	13-9278	1	Battery Contact
三脚取付けネジ	D	13-9290	1	Tripod Socket
ワッシャー	C	13-9318	1	Washer
遮光板	D	13-9325	1	Light Shield
接片台	D	13-9361	1	Contact Base
絶縁ワッシャー	D	13-9362	1	Washer
チェッカー接片	D	13-9377	1	Checker Contact
ランプホルダー	D	13-9378	1	Lamp Holder
巻上げ地板	E	19-0537	1	Winding Base
巻上げ爪	D	19-0538-030	1	Winding Pawl
中間ギャー	D	19-0539-020	1	Inner Gear
シャッターチャージレバー	D	19-0540	1	Shutter Charge Lever
巻戻しフォーク	B	19-0553	1	Rewind Fork
水銀電池室	D	19-0574	1	Battery Box
巻上げギャー	D	97-0625	1	Winding Gear
アイドルギャー	D	97-0626	1	Idle Gear
スプロケットギャー	D	97-0628	1	Sprocket Gear
コイルスプリング	D	97-5613	1	Coil Spring
スプリング	D	97-6093	1	Spring
スプリング	D	97-6652	1	Spring
スプリング	D	97-6653	1	Spring
スプリング	D	97-6654	1	Spring
スプリング	D	97-6680-040	1	Spring
十字ナベビス		X16-170208	1	Screw
十字ナベビス		X16-200357	3	Screw
十字皿ビス		X18-170358	2	Screw
十字皿ビス		X18-200557	3	Screw
緊定ワッシャー		X32-401131	1	Retaining Washer
緊定ワッシャー		X32-401171	1	Retaining Washer
ワッシャー		X32-502123	1	Washer
ワッシャー		X32-505221	1	Washer
ランプ	D	X61-7132	1	Lamp
平ビス		X91-142525	2	Screw
平ビス		X91-173556	1	Screw
平ビス		X91-173584	1	Screw
平ビス		X91-203021	1	Screw
平ビス		X91-203539	1	Screw
平ビス		X91-233436	3	Screw
平ビス		X99-0047	1	Screw

EXPLODED VIEW
of

CANON CANONET G-Ⅲ 17
CANON BLACK CANONET G-Ⅲ 17



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PARTS LIST

WINDING SHAFT & BODY
巻き上げ軸　　本体

部品名称	CLASS	PARTS NO.	QTY.	DESCRIPTION
蝶番軸	D	13-4869	1	Shaft of Hinge
ローラー	D	13-4870	1	Roller
スプールフランジ	E	13-4912	1	Spool Flange
カラー	E	13-4917	1	Collar
オレンジマーク	D	13-4920	1	Orange Mark
モルトプレーン	C	13-5432	1	Light Shield
巻上げストッパー	E	13-9113	1	Winding Stopper
ラチェット爪	E	13-9114(580) 13-9114(600) 13-9114(620)	1	Ratchet Claw
遮光皿	E	13-9115	1	Light Shield
カラー	D	13-9116	1	Collar
スプロケット	D	13-9132	1	Sprocket
カムリング	D	13-9133-040	1	Cam Ring
スプロケット軸	D	13-9134	1	Sprocket Shaft
シャッターレリーズ板	C	13-9135	1	Shutter Release Plate
遮光枠	E	13-9198	1	Light Shield
ビス	D	13-9213	3	Screw
ローラー	D	13-9214	1	Roller
ピン	D	13-9281-070	1	Pin
ビス	C	13-9367	1	Screw
モルトプレーン	C	13-9368	2	Light Shield
スプール	D	18-0217	1	Take Up Spool Unit
スプールフリクション	E	18-0223	1	Spool Friction
巻上げ軸	C	19-0535	1	Winding Shaft
巻止め外し	D	19-0542	1	Stopper Remove Lever
指標ホルダー	E	19-0548	1	Index Holder
フィルム送り指標	C	19-0549	1	Film Feed Index
スプロケットカバー	D	19-0550	1	Sprocket Cover
中ぶた	D	19-0551	1	Inner Cover
本体	E	19-0894	1	Body
巻き上げ上板	E	19-0896	1	Winding Upper Plate
シャッターチャージ指標	D	19-1002	1	Shutter Charge Index
ビス	E	97-4288	1	Screw
コイルスプリング	D	97-5607	1	Coil Spring
コイルスプリング	D	97-5614-040	1	Coil Spring
スプリング	E	97-6363	2	Spring
スプリング	D	97-6650	1	Spring
スプリング	D	97-6651	1	Spring
スプリング	D	97-6662	1	Spring
フィルム送り指標	E	97-9166	1	Film Feed Index
十字ナベビス		X16-170208	4	Screw
十字ナベビス		X16-170307	2	Screw
十字皿ビス		X16-170857	1	Screw
十字ナベビス		X16-200357	3	Screw
十字皿ビス		X18-170258	2	Screw
緊定ワッシャー		X32-401171	4	Retaining Washer
ワッシャー		X32-502133	1	Washer
ワッシャー		X32-505232	1	Washer
平ビス		X91-142515	1	Screw
平ビス		X91-203021	2	Screw
平ビス		X91-233432	1	Screw
皿ビス		X94-140106	2	Screw

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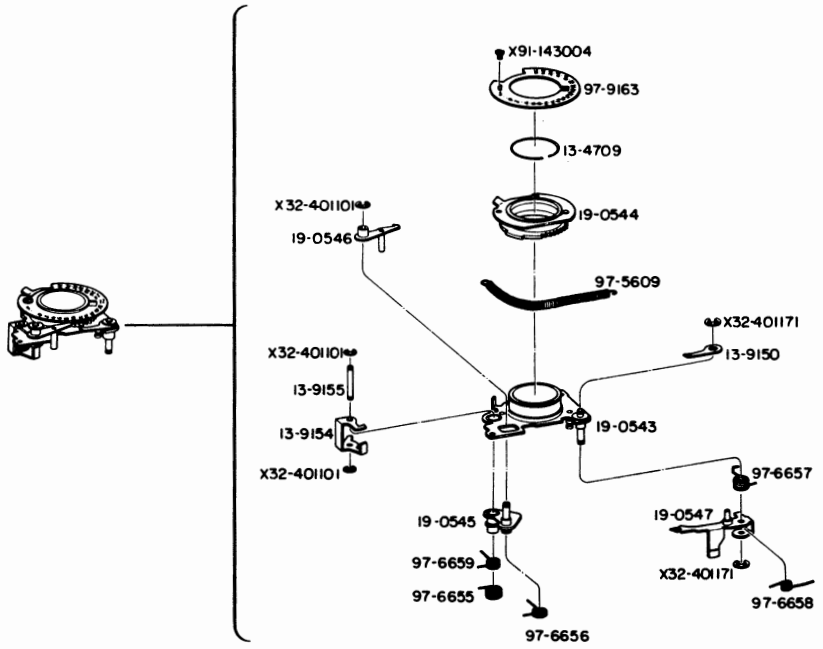
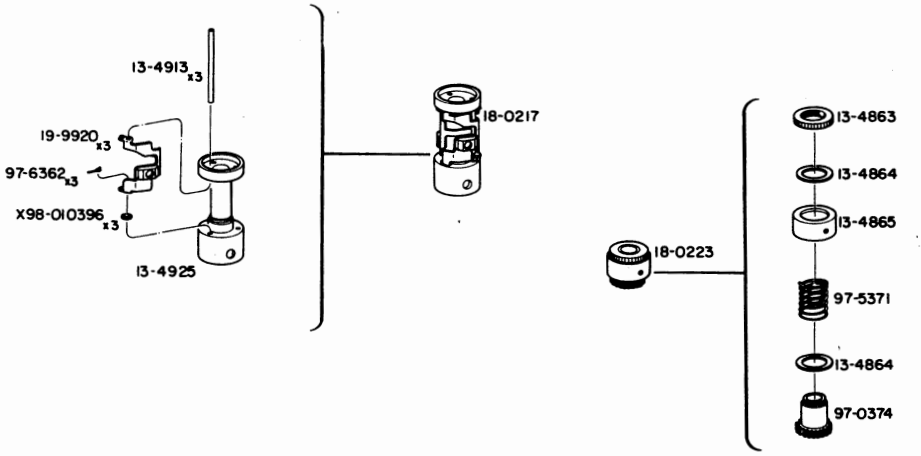
EXPLODED VIEW
of

CANON CANONET G-III 17
CANON BLACK CANONET G-III 17





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PARTS LIST

FILM COUNTER & TAKE UP SPOOL

フイルムカウンター　巻き取りスプール

部品名称	CLASS	PARTS NO.	QTY.	DESCRIPTION
リテイナー	E	13-4709	1	Retainer
ナット	E	13-4863	1	Nut
フリクションワッシャー	E	13-4864	2	Fiber
スプリングカバー	E	13-4865	1	Spring Cover
水かき軸	E	13-4913	3	Shaft
スプール	E	13-4925	1	Spool
ストッパー	D	13-9150	1	Stopper
空送りレバー	D	13-9154	1	Film Feed Lever
空送りレバー軸	D	13-9155	1	Lever Shaft
スプールユニット	D	18-0217	1	Take Up Spool Unit
スプールフリクション	E	18-0223	1	Spool Friction
カウンター地板	E	19-0543	1	Film Counter Base
カウンターギャー	D	19-0544	1	Counter Gear
送り爪地板	E	19-0545	1	Feeding Claw Base
送り爪	D	19-0546	1	Feeding Claw
復帰レバー	C	19-0547	1	Reset Lever
水かき	E	19-9920	3	Friction Lever
スプールギャー	E	97-0374	1	Spool Gear
コイルスプリング	D	97-5371	1	Coil Spring
コイルスプリング	D	97-5609	1	Coil Spring
コイルスプリング	E	97-6362	3	Coil Spring
スプリング	D	97-6655	1	Spring
スプリング	D	97-6656	1	Spring
スプリング	D	97-6657	1	Spring
スプリング	D	97-6658	1	Spring
スプリング	D	97-6659	1	Spring
フィルムカウンター	D	97-9163	1	Film Counter
緊定ワッシャー		X32-401101	3	Retaining Washer
緊定ワッシャー		X32-401171	2	Retaining Washer
平ビス		X91-143004	1	Screw
ワッシャー		X98-010396	3	Washer

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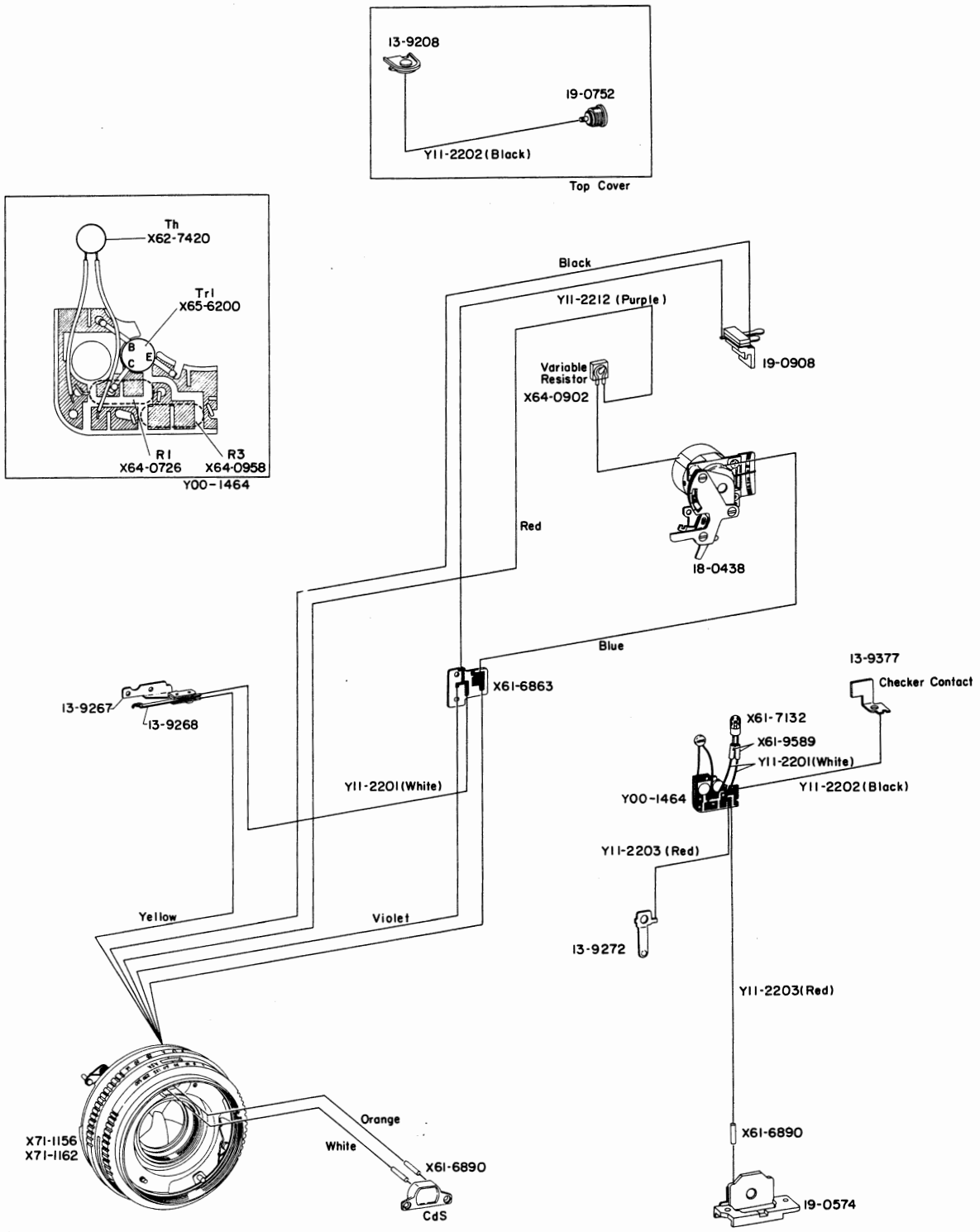
WIRING DIAGRAM



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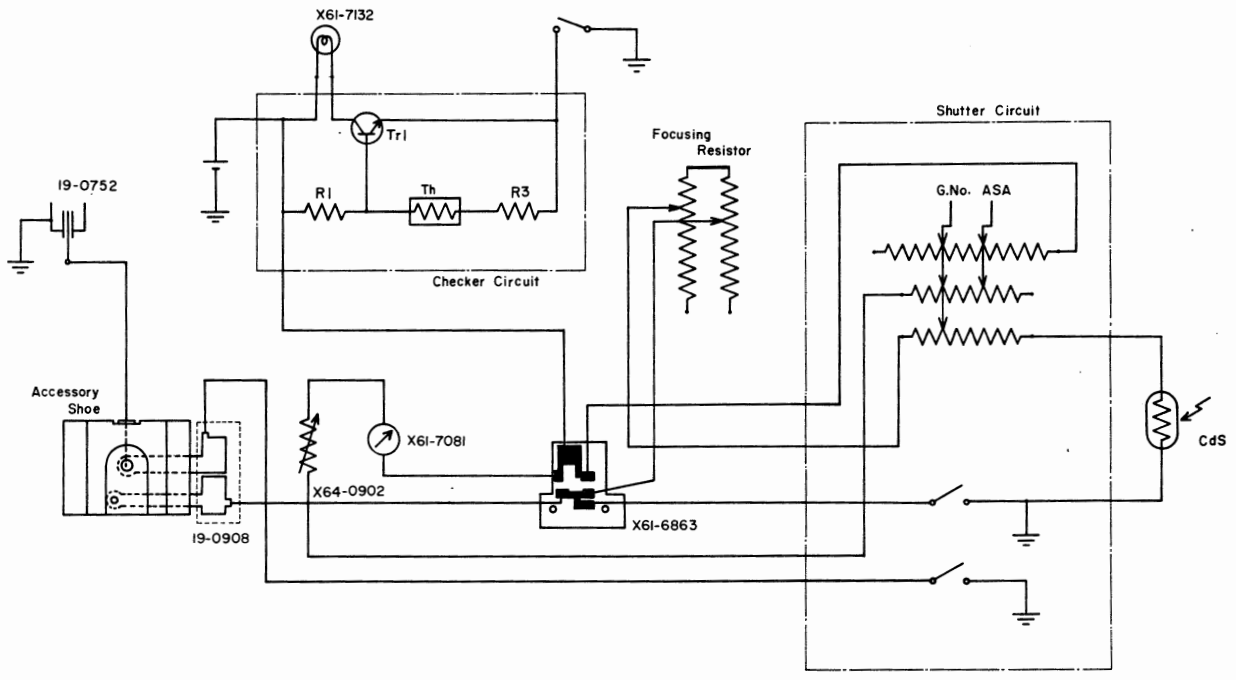
PARTS LIST

WIRING DIAGRAM
配 線 図

部品名称	CLASS	PARTS NO.	QTY.	DESCRIPTION	REMARKS
チェッカープリント板	D	Y00-1464	1	Checker Circuit Board	
直結シンクロターミナル	C	13-9208	1	Connect Flash Terminal	
接片	D	13-9267	1	Contact	
接片	D	13-9268	1	Contact	
接片	D	13-9272	1	Contact	
チェッカー接片	D	13-9377	1	Checker Contact	
メーターユニット	C	18-0438	1	Exposure Meter Unit	
水銀電池室	D	19-0574	1	Battery Box	
シンクロターミナル	D	19-0752	1	Flash Terminal	
接片	D	19-0908	1	Contact	
プリント板	E	X61-6863	1	Print Circuit Plate	
ビニールチューブ	E	X61-6890	3	Vinyl Tube	
ランプ	D	X61-7132	1	Lamp	1.3V
ビニールチューブ	E	X6109589	2	Vinyl Tube	
サーミスタ	D	X62-7420	1	Thermistor	TD5-A127
半固定抵抗	D	X64-0902	1	Variable Resistor	15KΩ
抵抗	D	X64-2126	1	Resistor	82Ω
抵抗	D	X64-2225	1	Resistor	100Ω
抵抗	D	X64-2226	1	Resistor	270
トランジスター	D	X65-6200	1	Transistor	2SC 182R
シャッター	C	X71-1156	1	Shutter	
シャッター	C	X71-1162	1	Shutter	
リード線（白）		Y11-2201		Lead (White)	
リード線（黒）		Y11-2202		Lead (Black)	
リード線（赤）		Y11-2203		Lead (Red)	
リード線（紫）		Y11-2212		Lead (Purple)	

SCHEMATIC DIAGRAM
結 線 図



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X98-100386	1
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Y13-5287	4
Y13-5288	4
Y13-5289	4
Y13-5290	4
Y13-5291	4

PARTS NO.	PAGE	PARTS NO.	PAGE	PARTS NO.	PAGE	PARTS NO.	PAGE
Y13-5292	4						
Y13-5293	4						
Y13-5294	4						
Y13-5295	4						
Y13-5296	4						
Y13-5297	4						
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Y13-5319	4						
Y13-5320	4						
Y13-5321	4						
Y13-5322	4						
Y13-5323	4						
Y13-5324	4						

CANON SERVICE TOOLS LIST

CANON CANONET GIII 17
(REF. NO. 1-30807)

CANON BLACK CANONET GIII 17
(REF. NO. 1-30808)

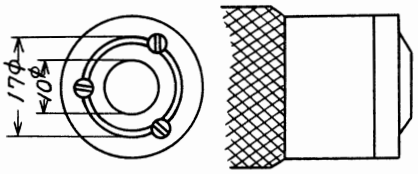
CANON CANONET GIII 19
(REF. NO. 1-30817)

TESTING EQUIPMENT

Use		Name of Testing Equipment
Focus	1.	200mm T-type Collimator
	2.	Mirror for 35mm
Field of View	1.	Universal Parallax Collimator-1
Exposure Meter	1.	E.E Camera Tester
	2.	Inspection Device for Canon Meter-1
	3.	Standard Checker-2 (CdS)
	4.	Ohm Meter

SPECIAL SCREWDRIVERS

T06A-13-4611-1T



Tightening Winding Lever (Common to New Canonet QL)

SPECIAL SCREWDRIVERS

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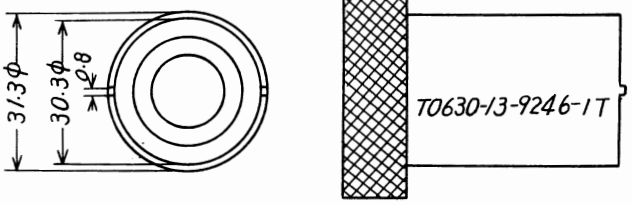

Tightening Front Lens Unit (Common to New Canonet QL)

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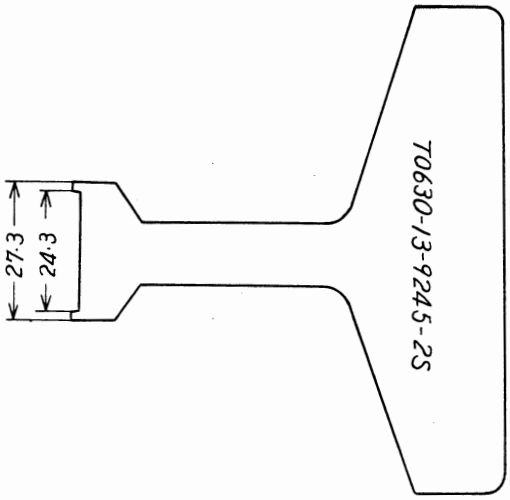

Tightening Rear Lens Unit (Common to New Canonet QL)

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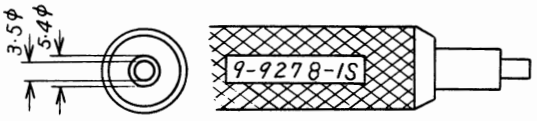

Tightening Synchro Terminal (Common to New Canonet QL)

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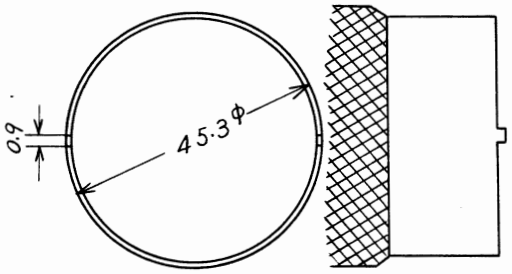
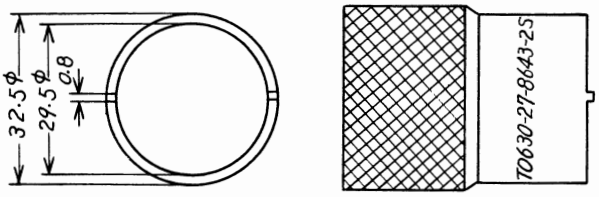


Tightening Name Ring of the Lens (Common to New Canonet QL)

SPECIAL SCREWDRIVERS

T0630-27-8643-2S



Tightening Shutter Unit (Common to New Canonet QL)

CANON REPAIR MANUAL

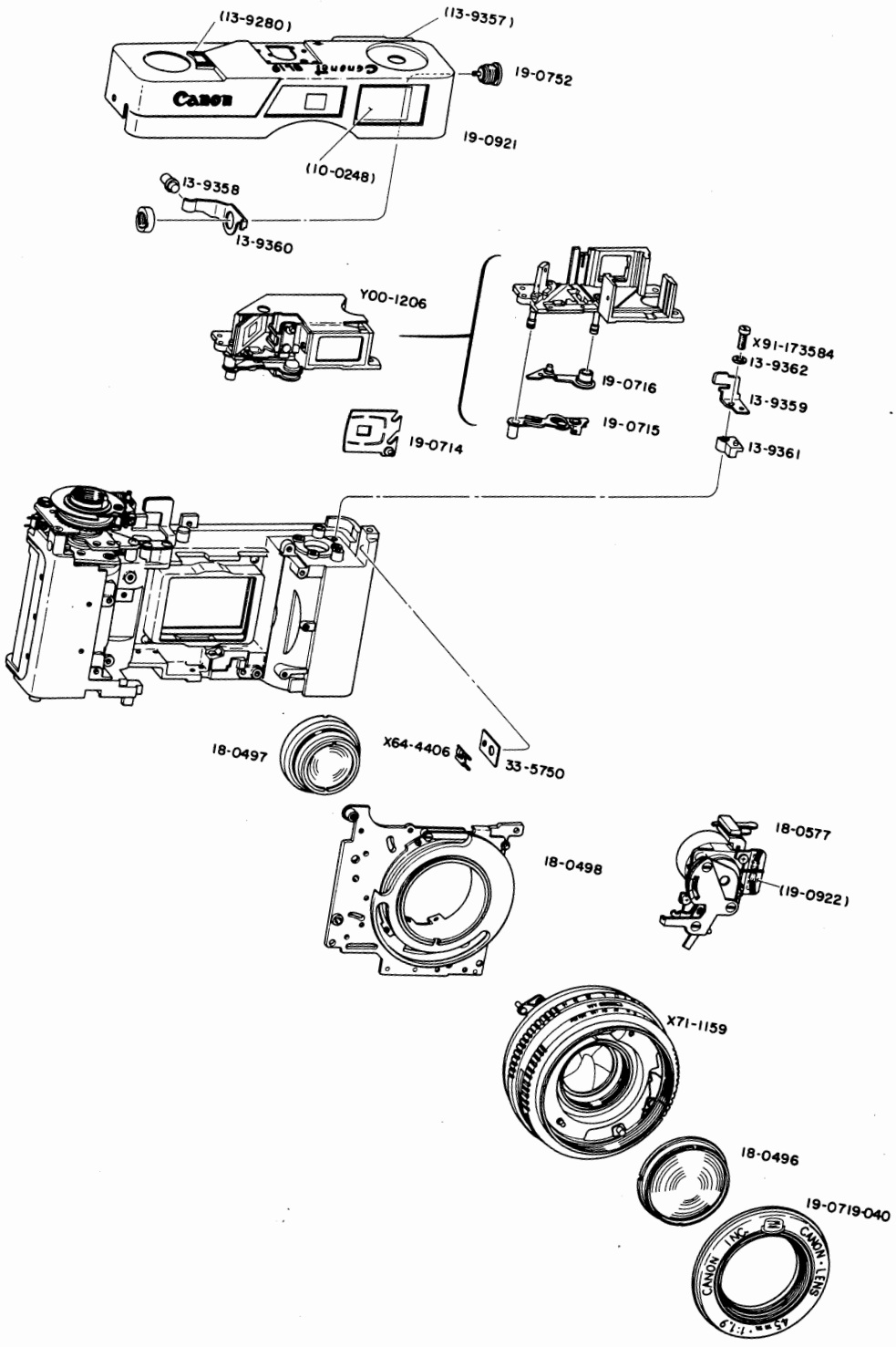
CANON CANONET G-III 19

(REF. NO. 1-30817)

CANON INC. JAPAN

EXPLODED VIEW
of
CANON CANONET G-III 19

REF. NO. 1-30817



SCALE 1-2.0

Canon Canonet G-III 19 is absolutely the product in mechanism as Canon Canonet G-III 17 is, we therefore picked up only parts which are used in the Canon Canonet G-III 19 for this repaire manual.

The rest of the parts as Canon Canonet G-III 19, in case if necessary, refer to the repair manual.

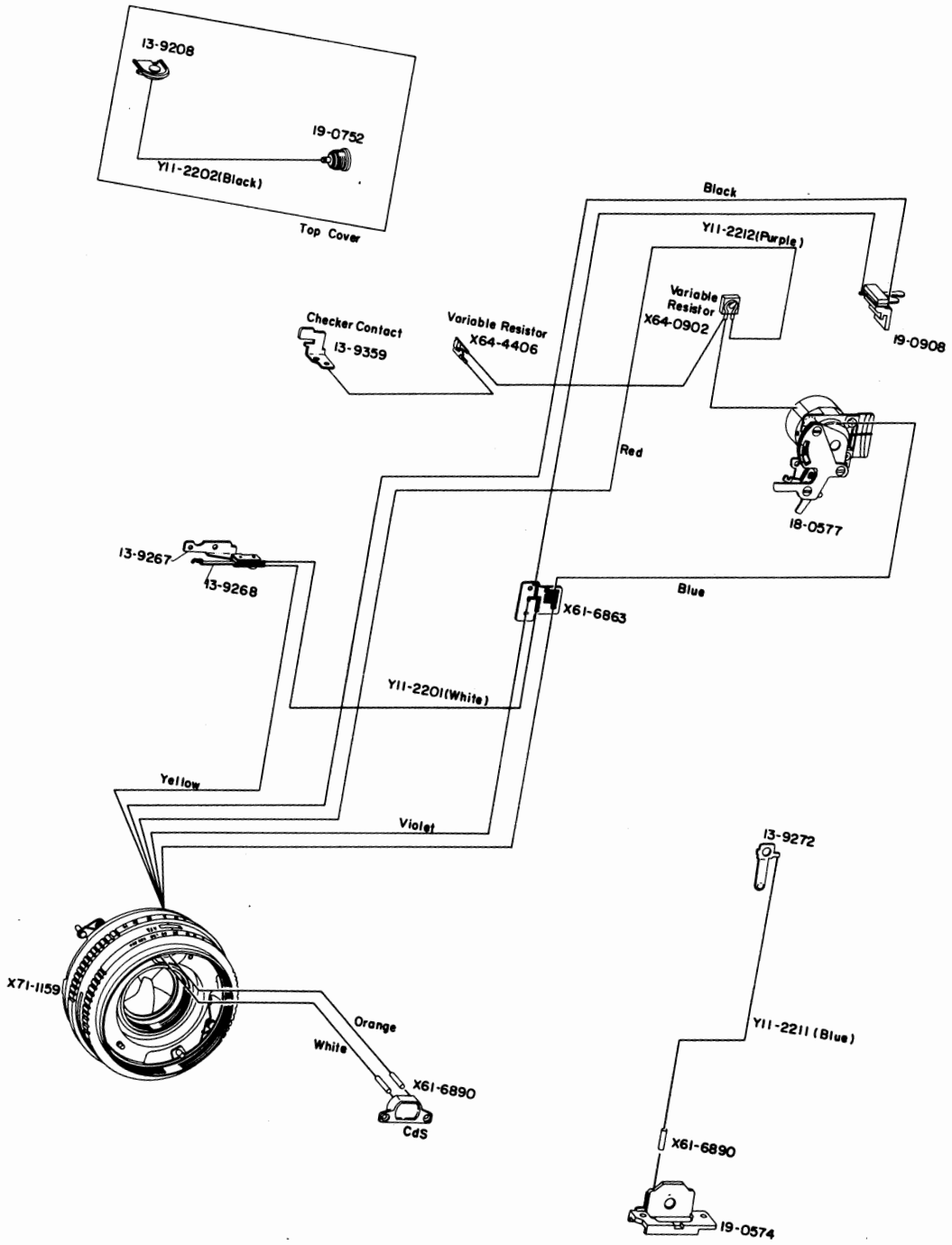
PARTS LIST

部品名称	CLASS	PARTS NO.	QTY.	DESCRIPTION
ファインダーユニット	D	Y00-1206	1	View Finder Unit
前面ガラス	B	10-0248	1	Front Glass
カウンター窓	C	13-9280	1	Counter Window
接眼レンズ枠	C	13-9357	1	Eyepiece Lens Frame
チェッカー釦	C	13-9358	1	Checker Button
接片	C	13-9359	1	Contact
接片	C	13-9360	1	Contact
接片台	D	13-9361	1	Contact Base
絶縁ワッシャー	D	13-9362	1	Washer
前玉ユニット	C	18-0496	1	Front Lens Unit
後玉ユニット	C	18-0497	1	Rear Lens Unit
前板ユニット	D	18-0498	1	Front Panel Unit
メーターユニット	C	18-0577	1	Exposure Meter Unit
ファインダーマスク	C	19-0714	1	Finder Mask
連動レバー	E	19-0715	1	Connecting Lever
連動レバー	E	19-0716	1	Connecting Lever
ネーム環	C	19-0719-040	1	Name Ring
上部カバー	C	19-0921	1	Top Cover
絞り目盛板	D	19-0922	1	Aperture Scale Plate
抵抗取り付け板	D	33-5750	1	Resistor Support
半固定抵抗	D	X64-4406	1	Variable Resistor
シャッター	C	X71-1159	1	Shutter

First Printing, Jan. 1972

WIRING DIAGRAM

REF. NO. 1-30817



NO SCALE

PARTS LIST

WIRING DIAGRAM
結　線　図

部品名称	CLASS	PARTS NO.	QTY.	DESCRIPTION
直結シンクロターミナル	C	13-9208	1	Connect Flash Terminal
接片	D	13-9267	1	Contact
接片	D	13-9268	1	Contact
接片	D	13-9272	1	Contact
接片	C	13-9359	1	Contact
メーターユニット	C	18-0577	1	Exposure Meter Unit
水銀電池室	D	19-0574	1	Battery Box
シンクロターミナル	D	19-0752	1	Flash Terminal
接片	D	19-0908	1	Contact
プリント板	E	X61-6863	1	Print Circuit Plate
ビニールチューブ	E	X61-6890	3	Vinyl Tube
半固定抵抗	D	X64-0902	1	Variable Resistor (15K)
半固定抵抗	D	X64-4406	1	Variable Resistor (22K)
リード線（白）		Y11-2201		Lead (White)
リード線（黒）		Y11-2202		Lead (Black)
リード線（青）		Y11-2211		Lead (Blue)
リード線（紫）		Y11-2212		Lead (Purple)

SCHEMATIC DIAGRAM
配　線　図